DIXON HIGH SCHOOL

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LETTER TO STUDENTS

The purpose of this publication is to provide the student and the parent with the necessary information for planning a sound, consistent, and beneficial program of studies for the student's four years at Dixon High School. The plan should be based on a clear vision of academic and career goals and the courses should be chosen based upon the student’s abilities and interests.

It is both the student's and the parent's responsibility to read the handbook and to discuss jointly its contents. Our goal is to insure each student the best possible education, and this can only by done through a cooperative approach involving students, parents, counselors, and teachers.

New editions of this handbook are annually updated on line to reflect the changes that have taken place since its last revision. We hope that these changes represent positive opportunities for our students at Dixon High School.

As you read through the booklet, you are likely to have questions or concerns that need answers or clarification. Email your questions and concerns or contact our Counseling Office. Our staff is very willing to serve you and wants you to make wise choices and to be successful. The time you spend now in planning your education will pay dividends throughout your years at DHS and will pave the way for future opportunities after you leave high school.

I wish you good luck and success as a student at Dixon High School.

Mike Grady
Principal

DHS MISSION STATEMENT

The mission of Dixon High School is to provide all students with the opportunities to achieve academic and personal success in the school setting and to prepare them to be contributing members of society.

In order to accomplish this mission, the school is committed to maintaining high expectations for all students, regularly assessing learning, and establishing a learning climate which affirms the worth of students and education.

This mission is the shared responsibility of staff, students, parents, and community.

COUNSELING SERVICES

Mission Statement

The mission of the DPS counseling program is to work with parents, faculty, and community to assist all students in learning skills and setting goals to reach their potential in academic, social/ emotional and career areas.

Introduction

It is our belief that a counseling program be an integral part of the total educational program, and that it reflect the unique needs and characteristics of district students, staff and community. The Illinois Developmental Model was used as our framework. From this was developed a systematic set of components including goals, student competencies and suggested activities essential to our students' growth, development and academic success. Program domains and components follow.

Program Domains

The Personal/Social Domain is intended to assist students in understanding and expressing self, how they relate to others, and how their thinking, feelings, and behaviors shape their personalities. Students need to be assisted in learning how to make appropriate decisions, interact effectively, and assume responsibility as they develop.

The Career/Vocational Domain targets those activities that will assist students in exploring career possibilities and opportunities; helps students with career decisions and a successful transition from school to college or to the world of work.

The Academic/Educational Domain provides activities and experiences that develop competencies leading to educational success so that each student develops to his/her maximum potential.

Program Components

Our model consists of the four basic components that serve to provide the means by which counseling is accomplished.

1. The Counseling Curriculum Component consists of structured developmental experiences presented systematically through classroom and group activities for students in grades K-12. The purpose of this curriculum is to provide students with knowledge of normal growth and development, to promote positive mental health, and to assist them in acquiring and using life skills.
2. Individual Student Planning Component consists of activities that help all students monitor and direct their own learning, personal/social, and career development. Within this component, students develop and evaluate personal goals, educational and career plans. Activities of this component can be delivered on an individual or small group basis.
3. Responsive Services Component consists of activities designed to meet the immediate needs of students. This component is available to all students and is usually student initiated but may occur through parent, teacher, or other referral. Responsive services are delivered through consultation, personal and small group counseling, crisis counseling and referrals.
4. The System Support Component consists of activities which establish, maintain, and enhance the school counseling program as well as other educational programs, and consists of the following functions: professional development, staff and community relationships, consultation with teachers, parent outreach, advisory councils, program management and research and development.

College, Career, and Scholarship Software and Websites

The following is a list of resources available as Internet hookups for post-secondary schooling, careers and scholarships. Handouts on these and other web sites can be found in the Counseling Office.

- www.fastweb.com Financial Aid Information, Scholarship Search, College Cost Projector, and Loan Calculators
- www.fafsa.ed.gov FAFSA (Free Application for Federal Student Aid)
- www.collegeillinois.com Illinois college tuition plans
- www.ed.gov US Department of Education
- www.act.org ACT
- www.number2.com Free ACT/SAT preparation

CAREER PLANNING, INTEREST INVENTORIES, COLLEGE SORTS

- Career & College View www.collegeview.com
- Horizons Career Information System www.ilworkinfo.com Username: illinois
  Password: careers
- Peterson's College Search www.collegequest.com
- Career Cruising www.careercruising.com Username: dixon
  Password: highschool
- Career Voyages www.careervoyages.gov/

Check out the Dixon Public Schools Home Page at www.dixonschools.org

TESTING

PLAN- Administered in April to all freshmen and sophomores. PLAN is often taken in preparation for the ACT assessment and includes academic tests, a survey of interests, and an assessment of study skills knowledge.

PRELIMINARY SCHOLASTIC APTITUDE/NATIONAL MERIT SCHOLARSHIP QUALIFYING TEST (PSAT)- Administered in the fall to college-bound juniors. It measures verbal and mathematical abilities and is the qualifying test for the National Merit Scholarship Program. There is a test fee.

PRAIRIE STATE ACHIEVEMENT EXAM (PSAE)- Administered to all juniors in the state of Illinois. The PSAE measures students' progress toward meeting the Illinois Standards and provided additional benefits to students, including ACT Assessment and Work Keys scores. Students cannot graduate from Dixon High School without this exam.

ACT/SAT- These are standardized tests required by colleges for admission. These tests provide an indicator of how prepared the student is for college. The ACT measures skills in English, mathematics, reading, and science.

ARMED SERVICES VOCATIONAL APTITUDE BATTERY- Administered by the military service to measure the student's academic ability and occupational interests.

CONSUMER ED PROFICIENCY TEST- A state-generated test offered to students in grades 9-12, not currently enrolled in a Consumer Ed class, who would like to proficiency out of Consumer Education. The test is administered once each semester of every school year. No credit is awarded, but the requirement for the class is fulfilled if the student passes the examination.

IMPORTANT TERMS FOR HIGH SCHOOL STUDENTS TO KNOW

1. SEMESTER - A semester represents ½ of a school year, or two quarters.

2. CREDITS - Some subjects are completed in one semester. These are one-half credit subjects. Other subjects are not completed until the end of two semesters. These are one credit courses. One-half credit is earned for each semester of any subject successfully completed (receipt of a grade of "D" or higher).

3. REQUIRED SUBJECTS - Certain subjects are required for graduation. See "Graduation Requirements" section.

4. ELECTIVE SUBJECTS - Any course which the student selects in addition to the required courses are called electives. Electives may be chosen from any department in the school.

5. PREREQUISITE - Some courses have prerequisites. This means that there is another subject which must be successfully completed before a student may enroll in this particular course.

6. CURRICULUM - All courses offered by the school make up the curriculum.

7. DEPARTMENTS - Subject areas are divided by departmental groups. These are: Art, Business, English, Family Resources, Fine Arts, Foreign Language, Industrial Education, Mathematics, Physical Education, Science and Social Studies.

8. NORMAL LOAD - All students should carry a minimum of six credits per year.

9. PROGRESS REPORTS - Special reports are issued after the first four weeks of each quarter to inform parents and students of work that is not being completed satisfactorily. Progress reports do not necessarily imply failing work.

REPORT CARDS

Report cards are issued at the end of each nine week period. An explanation of the marks used on the report card follows:

"A" (94-100)	EXCEPTIONAL WORK. Shows interest, originality, and the ability to work independently and make practical application of new ideas and facts. This displays a growing interest in the field of study.
"B" (87-93)	COMMENDABLE: SUPERIOR WORK. Shows serious steady application, ability to organize and work independently; willingness to do more than is regularly required; work is neat.
"C" (75-86)	AVERAGE. Shows fair grasp and retention of facts. Within limits of specific and carefully explained assignments, the effort is workmanlike. Attitude not consistently zealous or original.
"D" (69-74)	UNSATISFACTORY: JUST PASSING. Shows little time, thought and organization put into work. May indicate careless preparation of work or poor organization of both study time and effort. Too frequent absences, illness, faulty preparation, or even lack of ability may be contributing causes.
"F"	FAILURE. No credit towards graduation.
"I"	INCOMPLETE. Given when a student cannot complete the semester's work because of excused absences. Work must be made up within 3 weeks after returning to school. "INC." not made up within 3 weeks time period will be changed to an "F." Exceptions to this time limit can be made ONLY upon parent/administrator consultation.
"P"	PASS. Used in pass-fail courses indicating the student has passed the course.
"WP"	WITHDRAW PASSING. No credit is assigned and no effect on GPA.
"WF"	WITHDRAW FAILING is equivalent to an "F."
"O"	Used only for semester exam grades. This grade means the student was absent unexcused during the final exam period

MID-QUARTER REPORTS

Because grade reports are issued only once every nine weeks, special reports are issued after the first four weeks of each quarter to inform parents and students of work that is not being completed in a satisfactory manner. Included on the progress report is a brief explanation of what might be some contributing causes to the unsatisfactory work. Parents are asked to examine the report. They also are urged to arrange a conference with the teacher in whose class their student is having difficulty.

COURSE CHANGES

Schedule changes are made only because of failure in class, scheduling errors or unbalanced class size. Schedule changes for legitimate reasons must be completed by the end of the fifth school day of any semester.

Withdrawal Passing (dropping a class to add a study hall with no grade penalty) must be completed by Friday of the sixth week of any semester. This was established to give students and parents a chance to react to Mid-Quarter Reports. The student must currently be passing to receive a "Withdraw Passing."

Any courses dropped after the end of six weeks, regardless of the student's average, will have the grade of "Withdraw Failing" recorded.

STUDENT STATUS

Students may be enrolled at Dixon High School in one of two categories:

1. FULL-TIME STUDENT: A student must be enrolled in a minimum of seven periods of classes.

2. HALF-TIME STUDENT: A student must be enrolled in four consecutive periods of classes. The student must be at least 16 years of age and must have parental approval. A student cannot fulfill the graduation requirements in the normal four years under this option.

NOTE: These are the only two options of enrollment at Dixon High School. A student will not be able to enroll nor be able to continue to attend Dixon High School with any other number of classes.

CREDITS

High school students must earn a minimum number of credits per year if they are to graduate in the normal four years. Current Dixon High School students are expected to earn six credits per year.

Credits are formally issued at the end of each semester. A student who has successfully completed a semester's work in any course, including a full year course, will receive one-half credit. This means that a student who drops a year course at or after the first semester and who has passed the course for one semester will receive one-half credit towards graduation.

Students will be considered Freshmen, Sophomores, Juniors and Seniors based on the number of credits they have earned, not on the number of years they have attended high school. Students must earn 5 credits for Sophomore standing, 11 credits for Junior standing and 17 credits for Senior standing.

COMPUTER CREDIT AND CORRESPONDENCE SCHOOL CREDITS

Dixon High School will apply a maximum of one credit per semester toward graduation for courses earned in an approved high school computer credit recovery program and/or accredited correspondence school. An accredited correspondence school is defined as: Meets current North Central Association standards as a school; requires students to demonstrate that the NCA requirements for a Carnegie Unit have been met (60 clock hours for ½ credit).

The student must receive the approval of a Dixon High School counselor and principal prior to enrolling in the course. Grades will be used to determine eligibility for academic honors, scholarships and rank in class.

HOME SCHOOLS

Home schools that meet the Illinois state requirements for private schools will be considered private schools and will be treated accordingly.

DUAL ENROLLMENT

Students who are sixteen and have attained junior or senior status must have the approval of the counseling department, principal and parents, to participate in dual enrollment. Students must also meet college minimum ACT or placement score requirements. Students may receive DHS credit for courses taken through an accredited college or university. One half credit will be granted for a three semester hour course successfully completed.

HONOR ROLL

Honor Roll students are determined on a basis of grade point averages earned for semester grades. Grade point averages are computed using the following scale:

Regular Scale	Advanced Placement Scale
A+ = 4.40	A+ = 5.40
A = 4.00	A = 5.00
A- = 3.60	A- = 4.60
B+ = 3.40	B+ = 4.40
B = 3.00	B = 4.00
B- = 2.60	B- = 3.60
C+ = 2.40	C+ = 3.40
C = 2.00	C = 3.00
C- = 1.60	C- = 2.60
D+ = 1.40	D+ = 1.40
D = 1.00	D = 1.00
D- = 0.60	D- = 0.60
F = 0.00	F = 0.00

Five academic subjects (excluding Physical Education and Community Service) must be taken to qualify for the Honor Roll. Driver Education and Work Program Work qualify as academic classes in becoming eligible for Honor Roll, but the grades are not used in determining the grade point average. Also excluded from Honor Roll calculations are grades in Physical Education

To be on the Honor Roll a student's grades must average the following:

Superior..... .... 3.81 to 4.00+

Outstanding..... .... 3.41 to 3.80

Honorable Mention ....3.00 to 3.40

DHS GRADE SCALE

A+	99-100	D+	73-74
A	96-98	D	71-72
A-	94-95	D-	69-70
B+	92-93	F	0-68
B	89-91		
B-	87-88		
C+	83-86		
C	79-82		
C-	75-78		

CLASS RANK

Class Rank is determined on a basis of grade point averages earned for semester grades. Grade point averages are computed using the same scale as is used for Honor Roll. All students, with the exception of MR, low-incidence special education students and alternatively placed students, are included in the ranking.

Note: In the case of repeated courses, both grades will be included in the GPA, but credit will be allowed only once.

SCHOLASTIC HONOR BANQUET

The Dixon High School Scholastic Honor Banquet is held annually to honor those students who have been consistently outstanding in academic work. To be invited to the Honor Banquet, students must be in at least one of three categories:

1. Freshmen, Sophomores, Juniors and Seniors who were on the Superior Honor Roll the first semester of the current school year and the last semester of the previous year.

2. Seniors who are in the top ten percent of the end of the class at the end of seven semesters.

3. Seniors with the highest grade point average in a specified number of courses in the following departments: Art, Business, English, Foreign Language, Industrial Arts, Mathematics, Music, Science and Social Studies.

NCAA FRESHMAN-ELIGIBILITY

Starting August 1, 2008, 16 core courses will be required for **NCAA Division I only**. This rule applies to any student first entering any Division I college or university on or after August 1, 2008. See the chart for the breakdown of this 16 core-course requirement. **14 core courses are required in NCAA Division II.** See the breakdown of core-course requirements below.

Test Scores

Division I has a sliding scale for test score and grade-point average. The sliding scale for those requirements can be found at www.ncaa.org

Division II has a minimum SAT score requirement of 820 or an ACT sum score of 68.

The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.

The ACT score used for NCAA purposes is a **sum** of the four sections on the ACT: English, math, reading and science.

All SAT and ACT scores must be reported directly to the NCAA Initial-Eligibility Clearinghouse by the testing agency. Test scores that appear on transcripts will no longer be used. When registering for the SAT or ACT, use the clearinghouse code of 9999 to make sure the score is reported to the clearinghouse.

Grade-Point Average

Only core courses are used in the calculation of the grade-point average.
The Division II grade-point-average requirement is a minimum 2.000.

DIVISION I 16 Core-Course Rule

16 Core Courses:

4 years of English.
3 years of mathematics (Algebra I or higher).
2 years of natural/physical science (1 year of lab if offered by high school).
1 year of additional English, mathematics or natural/physical science.
2 years of social science.
4 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

DIVISION II 14 Core-Course Rule

14 Core Courses:

3 years of English.
2 years of mathematics (Algebra I or higher).
2 years of natural/physical science (1 year of lab if offered by high school).
2 years of additional English, mathematics or natural/physical science.
2 years of social science.
3 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy

COLLEGE PREPARATORY CURRICULUM PLANNING

In order to meet college entrance requirements students should plan to include a minimum of 4 years of English, 3 years of Social Studies, 3 years of Mathematics, 3 years of Laboratory Science and 2 years of Foreign Language (or in some cases Fine Arts) in their high school curriculum. There are a number of ways students can arrange their courses in order to meet these requirements. The curriculum shown below is merely an example by which this can be accomplished. (*Graduation Requirements)

Freshman	**Sophomore**	**Junior**	**Senior**
*English	*English	*English	*English
*World History	*SS Elective	*U.S. History	*Government
*Math	*Math	*Math	Math
*Science	*Science	*Science	Science
Language	Language	Language	Language
Elective	Drivers'Ed/*Keyboarding	*Cons Ed or Econ/Elective	Elective
*Health/*P.E.	*P.E.	*P.E.	*P.E.

An example of a four-year program that would include the maximum number of college preparatory courses offered is shown below. However, a student who attempts this type of curriculum would need to be academically strong.

Freshman	**Sophomore**	**Junior**	**Senior**
English 9/9 Honors	English 10/10 Honors	AP Language & Comp	AP Lit and Comp
World History	Government/Soc	AP U.S. History	Econ./Psych.
Geometry	Algebra II	Pre-Calc./AP Stats	AP Calculus
Biology	Chemistry	Physics/Medical Bio AP Chemistry	Biology II
Foreign Language	Foreign Language	Foreign Language	Foreign Language
Elective	Comp. Apps I/Dr. Ed	Elective	Elective
Health/P.E.	P.E.	P.E.	P.E.

GRADUATION REQUIREMENTS

1. A student must complete all required course work and tests before participating in the Commencement exercises and receiving a Dixon High School diploma.
2. Twenty four (24) credits are required for graduation and the required credits by department are as follows:

Department	Credits
English	4.0
Social Studies	1.0 U.S. History 1.0 World History 0.5 Government 0.5 SS elective
Math	3.0
Science	3.0
Consumer Education or Economics	0.5
Keyboarding I or Computer Applications I	0.5
Health	0.5
Physical Education	3.5
Electives	6 credits

3. A student must pass a test on the subject of the Declaration of Independence, the Constitution of the United States, the Constitution of the State of Illinois and the proper use and display of the American flag.
4. Students are encouraged to attend the full eight semesters, regardless of the number of credits earned; however, students may be considered for early graduation upon completion of seven (7) semesters of school attendance and when they have met all graduation requirements. Students must be approved for Early Graduation. There is no mid-term graduation exercise.
5. To earn a Dixon High School diploma, students must meet all graduation requirements and be enrolled full-time at Dixon High School to complete their final semester or obtain the permission of the principal.

EARLY GRADUATION

An Early Graduation form must be completed by the student and submitted to the Counseling Office by October 1 of the graduation school year. Early graduation will be granted pending completion of all DHS requirements and the approval of the principal and the school board. Early graduates will receive a diploma on the scheduled graduation day, not at the time of withdrawal. Early graduates who choose to continue their education by enrolling at SVCC are still considered high school students and not eligible for financial aid until their class graduates.

DIXON HIGH SCHOOL COURSE SELECTIONS

GRADE 9

English	Social Studies	Mathematics	Science
English 9 English 9 Honors	World History	Algebra I Geometry	Natural Science Biology Environmental Sci.

Fine Arts	Art	Foreign Language	Business
Band Mixed Choir	Intro to Art Media Drawing/Design Fiber/Ceramics Printmaking/Painting Adv. Art Survey 2-D Adv. Art Survey 3-D	Spanish I	Word Processing Computer App I Intro to Business

Industrial Ed.		Physical Ed.	Drivers Ed.
Intro to Drafting Intro to Metals Intro to Woods Drafting I Metals I Woods I Intro to Architecture Architecture I	Orient to Family Res	Phys. Mgt. Intro. to P.E. Health Sports P.E.	1st Q –15 by 08/31 2nd Q –15 by 10/31 3rd Q – 15 by 12/31 4th Q – 15 by 04/30

DIXON HIGH SCHOOL COURSE SELECTIONS

GRADE 10

English	Social Studies	Mathematics	Science
English 10	Government	Algebra I	Natural Science
English 10 Honors	Psychology	Tech. Geometry	Environmental
Publications	Sociology	Geometry	Chemistry
	Consumer Ed	Algebra II	Biology
	Global Cultural St.		
	Current World Iss.		

Fine Arts	Art	Foreign Language	Business
Music Theory	Intro to Art Media	Spanish I	Word Processing
Band	Drawing/Design	Spanish II	Computer App I
Mixed Choir	Fiber/Ceramics		Computer App II
Robed Choir	Printmaking/Painting		Accounting
Intermediate Choir	Adv. Art Survey 2-D		Intro to Business I
	Adv. Art Survey 3-D		Intro to Business II
			Digital Media

Industrial Ed.	Family Resources	Physical Ed.	Drivers Ed.
Intro to Architecture	Orient to Family Res	Phys. Mgt.	1st Q –15 by 08/31
Intro to Metals		Sports PE	2nd Q –15 by 10/31
Intro to Drafting		Adv. Weightlifting	3rd Q – 15 by 12/31
Intro to Woods		Phys. Ed.	4th Q – 15 by 04/30
Woods I		Total Body Fitness	
Woods II			
Drafting I			
Metals I			
Metals II			
Home Maintenance			

DIXON HIGH SCHOOL COURSE SELECTION
GRADE 11

English	Social Studies	Mathematics	Science
English 11A	Government	Intro to Algebra II	Chemistry Concepts
English 11B	Sociology	Algebra II	Environmental Sci.
Publications	Economics	Pre-Calculus	Chemistry
AP Lang Comp	Psychology	AP Statistics	Physics
Psych/Speech	US History		Medical Biology
	AP US History		AP Chemistry
	Current World Iss.		Biology II
	Global Cultural St.		
	Consumer Ed.		

Fine Arts	Art	Foreign Language	Business
Band	Intro to Art Media	Spanish I	Word Processing
Mixed Choir	PrintMaking/Paint	Spanish II	Computer App I
Intermediate Choir	Drawing/ Design	Spanish III	Computer App II
Robed Choir	Fiber/ Ceramics		Accounting
Theater	Adv. Art Survey 2-D		Consumer Education
Music Theory	Adv. Art Survey 3-D		Intro to Business I
			Intro to Business II
			Digital Media

GRADE 11 - Continued

Industrial Ed.	Family Resources	Physical Ed.	Drivers Ed.
Intro to Metals	Adult Living	Phys. Mgt.	1st Q –15 by 08/31
Intro to Drafting	Parenting	Sports PE	2nd Q –15 by 10/31
Intro to Woods		Adv. Weightlifting	3rd Q – 15 by 12/31
Intro to Architecture		Total Body Fitness	4th Q – 15 by 04/30
Welding			
Drafting I			
Metals I			
Home Maintenance			
Woods I			
Metals II			Miscellaneous
Architecture I			Community Service
Building Trades			ICO Work Program
			Whiteside Area Career Center
			SVCC Dual Enrollment

DIXON HIGH SCHOOL COURSE SELECTIONS
GRADE 12

English	Social Studies	Mathematics	Science
Intro to Research	Government	Algebra I	AP Chemistry
AP Lit and Comp	Psychology	Geometry	Biology
Modern Literature	Economics	Technical Geometry	Environmental Sci.
World Literature	Sociology	Intro to Algebra II	Medical Biology
Applied Communication	Consumer Ed	Algebra II	Chemistry Concepts
Publications	Current World Iss.	AP Calculus	Chemistry
SVCC English 101	Global Cultural St.	Pre-Calculus	Physics
SVCC English 103		AP Statistics	

Fine Arts	Art	Foreign Language	Business
Band	Intro to Art Media	Spanish I	Word Processing
Mixed Choir	Print Making/ Paint	Spanish II	Computer App I
Intermediate Choir	Drawing/ Design	Spanish III	Computer App II
Robed Choir	Fiber/ Ceramics	Spanish IV	Accounting
Theater	Advanced Art 2-D		Consumer Ed.
Music Theory	Advanced Art 3-D		Digital Media
			Intro to Business I
			Intro to Business II

GRADE 12 – Continued

Industrial Arts	Family Resources	Physical Ed.	Driver Ed.
Intro. to Metals	Adult Living	Phys. Mgt.	1st Q –15 by 08/31
Intro. to Drafting	Parenting	Phys. Ed.	2nd Q –15 by 10/31
Building Trades		Adv. Weightlifting	3rd Q – 15 by 12/31
Intro. to Woods		Sports PE	4th Q – 15 by 04/30
Intro. to Architecture		Total Body Fitness	
Welding			
Woods I/II			
Home Maintenance			
Drafting I			
Metals I			**Miscellaneous**
Metals II			Community Service
Architecture I			ICO Work Program
			Whiteside Area Career Center
			SVCC Dual Enrollment

ART

INTRO TO ART MEDIA Grades 9-12
No Prerequisites ½ Credit
Introduction to Art Media is an introduction to, and exploration of, six major areas of art. The areas include art history (integrated), drawing, color study, painting, printmaking, weaving, and sculpture. The students will approach these areas with a variety of assignments experimenting with different media.

DRAWING AND DESIGN Grades 10-12
Prerequisite: "C" or better in Art Survey or Intro to Art Media ½ Credit
The students will work with a variety of media in still life drawing, figure drawing, and abstract design or commercial design (time permitting) with an emphasis on development of individual style.

FIBER AND SCULPTURE Grades 10-12
Prerequisite: "C" or better in Art Survey or Intro to Art Media ½ Credit
The students will work with a variety of fiber related media in the creation of both functional and sculptural works of art with an emphasis on development of individual style.

PAINTING AND PRINTMAKING Grades 10-12
Prerequisite: "C" or better in Art Survey or Intro to Art Media ½ Credit
The students will work with a variety of painting/printmaking media in still life, landscape, abstract or nonobjective (time permitting) with an emphasis on development of individual style.

CERAMICS AND SCULPTURE Grades 10-12
Prerequisite: "C" or better in Art Survey or Intro to Art Media ½ Credit
The students will work with a variety of earth related media in the creation of both functional and sculptural works of art with an emphasis on development of individual style.

ADVANCED ART SURVEY TWO-DIMENSIONAL Grades 10-12
Prerequisite: "C" or better in Art Survey or Intro to Art Media ½ Credit
This course is an advanced exploration of two-dimensional art media. The areas that will be covered include art history (integrated), drawing, painting, printmaking, and fibers. The students will approach these areas with a variety of assignments experimenting with different media while building on the skills and knowledge developed in Art Survey.

ADVANCED ART SURVEY THREE-DIMENSIONAL Grades 10-12
Prerequisite: "C" or better in Art Survey or Intro to Art Media ½ Credit
This course is an advanced exploration of three-dimensional art media. The areas that will be covered include art history (integrated), ceramics, sculpture, and fibers. The students will approach these areas with a variety of assignments experimenting with different media while building on the skills and knowledge developed in Art Survey

BUSINESS

INTRODUCTION TO BUSINESS I Grades 9-12
No Prerequisites ½ Credit
Students develop an understanding of how business affects their everyday lives. They learn about the economic system and its role in business, how private enterprise works, how businesses are organized, how prices are determined and what role the government plays in business. This course is an introductory study of various aspects of business and society in our economic system dealing with organizations, methods of operation, forms of ownership, functions, and problems of management. The students will also focus on marketing, advertising, and human resources.

INTRODUCTION TO BUSINESS II Grades 9-12
Prerequisite: C or higher in Introduction to Business I ½ Credit
This course is designed to prepare students to make decisions as consumers, wage earners, and citizens within the economy. The students will focus on career planning, buying goods and services, consumer rights and responsibilities, credit, money management, and risk management.

KEYBOARDING AND BASIC WORD PROCESSING Grades 9-12
No Prerequisites ½ Credit
*Can be used to fulfill the computer requirement for graduation
Keyboarding is a one-semester course designed to help students develop speed and accuracy by learning the touch operation of alphanumeric/keyboard characters. Course instruction provides students with everyday usage of word processing applications. Students will learn to format memos, personal letters, business letters, outlines, reports, data sheets, and tables. Review of standard grammar usage and development of proofreading and editing techniques enable students to compose, organize, and edit documents at the keyboard.

COMPUTER APPLICATIONS I Grades 9-12
*Can be used to fulfill the computer requirement for graduation ½Credit
Prerequisite: C or higher in Keyboarding and Basic Word Processing
Computer Applications I is a one-semester course designed to give students a general understanding of Word, Excel, and PowerPoint. The students will focus on the creation and editing of a document, keyboard shortcuts, creation of MLA reports, using wizards and templates in creating cover letters and resumes in Microsoft Word. In Excel the students will create a worksheet with an embedded chart, learn to use formulas, functions and format spreadsheets. The course concludes with PowerPoint in which the students will create and edit a presentation, work with animations, photographs, clipart and AutoShapes. Computer Applications I is designed to expand document processing from Keyboarding and Basic Word Processing. There is an articulation agreement with Sauk Valley Community College for entrance in the next computer course if taken at Sauk.

COMPUTER APPLICATIONS II Grades 10-12
½ Credit

Prerequisite: Completion of Computer Applications I with a C or better

Computer Applications II is a one-semester course designed to give students more comprehensive applications in Word, Excel and PowerPoint. Students will work with creating documents with tables, generating mail merges for letters, and labels, and create professional newsletters. In Excel students will work with financial functions, data tables, amortization tables, lists, and templates. The students will conclude the course with PowerPoint presentations that include diagrams, hyperlinks, and action buttons. There is an articulation agreement with Sauk Valley Community College for entrance in the next computer course if taken at Sauk.

ACCOUNTING Grades 10-12
No Prerequisites 1 Credit

Accounting is a one-year course designed to give students background information on the accounting system for a sole proprietorship, partnership and corporation. Students will learn how to start an accounting system, analyze transactions into debit and credit parts, journalize and post business transactions, and prepare month end reports. Students will also learn to use an automated accounting system. This course gives students an accounting foundation for college accounting or for working in a small business. There is an articulation agreement with Sauk Valley Community College for entrance in the next accounting course if taken at Sauk.

ECONOMICS Grades 11-12
No Prerequisites ½ Credit

Economics is a one-semester course designed to introduce students to real-world economic issues. Students will study different economics systems, the role of entrepreneurs in our market society, demand and supply curves, productivity and labor issues, global economics and the role of government in our economy. Students will also focus on consumer issues ranging from insurance, investments, and credit. During an 8-10 week period of time students will devote their attentions to a Junior Achievement program. A community business leader will volunteer in the classroom guiding the students in their program. This course will meet the consumer education requirement and the social studies elective requirement

ENGLISH

9	10	11	12
English 9	English 10	English 11A	Applied Communication
English 9 Honors	English 10 Honors	English 11B	Intro to Research
	Publications	English 11AA	Modern Literature
		English 11BA	World Literature
		AP Language	AP Literature
		Publications	Publications
			English 101/103

All courses are semester courses. Seniors may take any number or any combination of senior courses. Four years of English are required for graduation. The required courses (six semester courses) are English 9 or 9 Honors, English 10 or 10 Honors, and English 11A/B **or** English 11AA/BA or AP Language and Composition. The elective courses listed MAY NOT be substituted for any of the required English courses.

ENGLISH 9 Grade 9
Prerequisites: None 1 Credit
English 9 is designed to offer the student an opportunity to increase skills in writing, speaking, and reading comprehension. Major emphasis is placed on students developing an increasingly large sight-word vocabulary, as well as honing their skills in sentence and paragraph composition. Literature covered will include non-fiction, epic poetry, short stories, and novels. The goal of English 9 is to produce students who are gaining competency and confidence in English/Language Arts, as well as life.

ENGLISH 9 Honors Grade 9
Prerequisites: "A" average in 8th grade Language Arts; 1 Credit
Teacher recommendation
English 9 Honors is designed for the advanced language arts student, focusing on deeper literary analysis and advanced writing skills. Students must be independent, voracious readers who read above grade level. The course is rigorous and functions at a faster pace due to the number of works of literature that will be read and explored. Students will be required to read outside of the classroom and asked to consistently contribute to class discussion. Writing experiences will include a variety of essays and a research paper. Students will present an informative speech. The course requires summer reading and is not weighted. The goal of English 9 Honors is to empower students to be competent and confident in English/Language Arts, as well as life.

ENGLISH 10 Grade10
Prerequisites: English 9 1 Credit
English 10 is designed to offer the student an opportunity to increase skills in writing, speaking, and reading comprehension. Major emphasis is placed on students developing an increasingly large sight-word vocabulary, as well as honing their skills in sentence and paragraph composition. Literature covered will include non-fiction, fiction, and a drama by William Shakespeare. Writing experiences will include a variety of essays and a research paper. Students will present a number of speeches including a researched persuasive speech. The goal of English 10 is to produce students who are gaining competency and confidence in English/Language Arts, as well as in life.

ENGLISH 10 Honors Grade 10
Prerequisites: English 9 Honors or "A" average in English 9 1 Credit
English 10 Honors is designed for the advanced language arts student, focusing on deeper literary analysis and advanced writing skills. Students must be independent, voracious readers who read above grade level. The course is rigorous and functions at a faster pace due to the number of papers that will be written. Students will be required to read outside of the classroom and asked to consistently contribute to class discussion. Writing experiences will include a variety of essays and a research paper. Students will present a number of speeches including a researched persuasive speech. The goal of English 10 Honors is to empower students to be competent and confident in English/Language Arts, as well as life.

ENGLISH 11A and 11AA Grade 11
Prerequisites: English 9Aor 9AA, English 9B or 9BA, ½ Credit
English 10A or 10AA, English 10B or 10BA
The first semester of junior English centers on the theme of "The American Dream." Students will effectively use strategies for reading works in various genres, including drama, fiction, non-fiction and poetry. English 11AA will proceed at an accelerated rate and with an in-depth approach.

ENGLISH 11B and 11 BA Grade11
Prerequisites: English 9A or 9AA, English 9B or 9BA, ½ Credit
English 10A or 10AA, English 10B or 10BA, English 11A or 11AA
The second semester of junior English is a writing intensive course that focuses on further developing necessary writing and language skills. Students will complete a variety of writing projects designed according to the standards established by the Illinois State Board of Education and will also utilize appropriate research techniques. English 11 BA will proceed at an accelerated rate and with an in-depth approach

APPLIED COMMUNICATION Grade 12
Prerequisites: English 9A/AA, 9B/BA, 10A/AA, 10B/BA, 11A/AA, 11B/BA 1 credit
Applied Communication is an elective course for the twelfth year. The major purpose of this course is to assist students in developing the fundamental skills necessary to be successful in the business world. Emphasis will be placed on learning specific information that has real-life applications. Students will be required to complete many different forms found in the workplace. Also required for this course will be a resume and a detailed career report. Reading comprehension skills will be stressed using job-related materials. Community members may be invited into the classroom to talk about their careers.

INTRODUCTION TO RESEARCH Grades 11-12
Prerequisite: Keyboarding I ½ Credit
This is a one semester course. One quarter will be spent learning to write the types of essays many colleges require for different subject matter courses. Several of the essays studied will be persuasive and expository in nature. The students will study these essay types and then produce essays of their own. The other quarter students will write a research paper using the MLA style and complete a literary analysis paper. All papers will be written using the computer. Some vocabulary and sentence structure will be studied. This course is intended for students who seek to develop basic research skills prior to taking a college-level writing class.

WORLD LITERATURE Grade 12
Prerequisites: English 11AA, 11BA ½ Credit
This course is designed for both the average and college-bound student. The purpose is to acquaint students with well-known ancient writings from which modern allusions are drawn. The content, including material from the major mythologies and the King James Bible, will give the students relevant insight into their human condition

MODERN LITERATURE Grade 12
Prerequisites: English 11AA, 11BA ½ Credit
Modern Literature is designed for the senior student who wishes an additional elective English credit. The student will be reading Twentieth Century literature. Building on the skills mastered in previous English classes, the student will be involved in writing, vocabulary studies, and discussion activities. This course is not restricted to college-bound students.

ADVANCED PLACEMENT LANGUAGE & COMPOSITION Grade 11
"A" average in English courses or consent of instructor 1 Credit
AP Language and Composition is an elective, year-long course for the student who seeks a college-equivalent writing experience. The course assists students in becoming skilled readers of prose covering the entire span of the American literary tradition. Students will also become skilled writers able to compose for a variety of purposes. The assignments will include formal essay writing using a variety of modes including research-based writing. The student may choose to take, at his/her own expense, the Advanced Placement English Language and Composition examination, thereby possibly gaining college credit for the course. Tests are in the form of essays preparing the student for the AP exams. There will be required summer reading.

ADVANCED PLACEMENT LITERATURE AND COMPOSITION Grade 12
Prerequisites: English 11AA/BA, 10AA/BA 1 Credit
"A" average in English courses or consent of instructor
AP Literature is an elective, year-long course for the student who seeks college level experiences in literature. The vast majority of the literature read is one of the forms of poetry, since prose forms developed secondarily to poetry. The literature reflects the events and philosophy of each age in the novels, short stories, poetry, and essays. The student will be prepared to take the optional AP exam in English Literature and Composition (at his/her own expense), thereby possibly gaining college credit for the course. Tests are in the form of essays, preparing the student for the AP exam. The student, in the spring before taking this class, must obtain from the teacher the required summer reading assignment.

WRITING FOR PUBLICATIONS Grades 10-12

Prerequisites: "C" average in English courses or consent of instructor; 1 Credit
Continued enrollment requires maintenance of a "C" average in the course.
The course provides a step-by-step approach to the fundamentals of journalistic writing and the production of publications. Writing assignments include, but are not restricted to, personality profiles, news stories, editorials, and sports reporting. Students are required to interview subjects and complete several stages of editing for assignments intended for publication. Students will design pages, write headlines, and edit copy for both the yearbook and newspaper. Students will also be required to sell and design advertising for the two publications, as well as take photos. This course is designed to teach journalistic principles and develop skills in the production of newspapers and yearbooks.

SVCC ENGLISH 101 Grade 12
Prerequisite: ACT standard score in English of 20 or above; suitable scores ½ credit
on the current English placement test, a grade of "C" or higher in previous
English classes.
A SVCC dual enrollment basic course in essay writing with emphasis on exposition, English 101 stresses knowledge and application of the rhetorical modes. English 101 presupposes competence in grammar, usage, and mechanics. Tuition and book fees.

SVCC ENGLISH 103 Grade 12
Prerequisite: ENG 101 with a grade of "C" or higher or equivalent or consent ½ credit
of instructor.
A SVCC dual enrollment advanced course in essay writing with emphasis on formal research, serves to develop proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition, students receive instruction in logic and reasoning, including the fundamentals of argumentative and persuasive writing. Tuition and book fees.

FAMILY RESOURCES

ORIENTATION TO FAMILY RESOURCES Grades 9-10
No Prerequisites ½ Credit
An introduction to various areas of Family and Consumer Science is the purpose of this class. The class will consist of units that fall under the following topics:

1. Family
2. Careers
3. Child Care and Development
4. Self Discovery
5. Resource Management
6. Interior Design
7. Housing
8. Foods and Nutrition (No lab)

PARENTING Grades 11-12
No Prerequisites ½ Credit
This course is designed to help students think through the responsibilities, roles, satisfactions and stresses of parenthood. Many types of parenting situations are examined. The course content includes applying parental decision-making, practicing health and safety standards, making the most of available resources, improving human relation skills and analyzing the effect of work on the family. Attention is given to the needs of parents and to the importance of readiness for parenthood.

ADULT LIVING Grades 11-12
No Prerequisites ½ Credit
This course is designed to develop individuals and families to achieve maximum potential through home, community and workplace. Emphasis is placed on the development of personal growth strategies that will assist the individual in responding to situations in terms of identified values and goals. The course content includes the duty areas of: developing short and long range plans, demonstrating goal setting and decision making skills; evaluating and adapting basic needs to assume roles and responsibilities; recognizing and following health practices that assist in coping, selecting and using resources to enhance individual growth and development; developing effective relationships to promote communication with others; and evaluating family career changes as to the impact on individuals. Various resources to assist with life problems are explored.

FINE ARTS

MIXED CHOIR Grades 9-12
No Prerequisites *(see within) 1 Credit

This group is designed for the incoming 9th grade student, or 10th, 11th, and 12th grade students with no prior high school choral experience, and they should enter in the fall semester. (*Second semester entry prerequisite = entry exam and voice placement.) This performance ensemble is a preparatory choir to train young voices for future advancement. Students will learn basic vocal music skills and fundamentals, and develop previously learned music knowledge. This group performs at all the department concerts and will have several evening and weekend commitments as part of their grade. Students are required to wear appropriate concert attire at each performance. At the end of second semester, students who have not demonstrated improvement as evaluated by the director will repeat Mixed Choir. Those students that demonstrate improvement as evaluated by the director will either move into the Intermediate Choir, or may audition for the Robed Choir.

INTERMEDIATE CHOIR Grades 9-12
Prerequisite: Completion of Mixed Choir with a minimal "C" grade; or placement test and/or vocal audition 1 Credit

This group is comprised of 9th through 12th grade students who have the basic skills taught in Mixed Choir, do not wish to audition for Robed Choir, or have not yet displayed the necessary skills needed for Robed Choir. This intermediate performance ensemble is expected to achieve skills beyond the basic fundamentals of music, and develop their voices for possible advancement. This group performs at all the department concerts and will have several evening and weekend commitments as part of their grade. Students are required to wear appropriate concert attire at each performance. Students may repeat Intermediate Choir through their senior year, or may audition at any semester for the Robed Choir.

ROBED CHOIR Grades 10-12
1 Credit
Prerequisite: Completion of Mixed or Intermediate Choir with a minimal "B" grade and/or a vocal audition and possible placement test

This advanced group is considered the "top" ensemble; membership is comprised of 10th – 12th grade students. Students are expected to exceed basic music skills and develop the voice to its maximum potential, and should be leaders for the department. This group performs at all department concerts, graduation, and some community events. Students will have several evening and weekend commitments as part of their grade. Students are required to wear appropriate concert attire at each performance. Students do not reaudition to maintain membership.

INTRODUCTION TO BAND Grades 9-10
Prerequisite: Consent of Teacher 1/2 Credit

Introduction to Band will give the student an opportunity to learn how to play a band instrument using a condensed version of our district's middle school band curriculum. Each fall this course will be offered to any student who is interested in learning how to play an instrument. Students who meet the performance requirements after a semester of study will be offered the opportunity to continue in the high school band program as performing members for spring semester. A rental program that lasts the entire semester which includes an instrument and necessary books will be available. Times to try an instrument will be available prior to the fall semester. Instruments available include Flute, Oboe, Clarinet, Saxophone, Trumpet, French Horn, Trombone, Baritone, and Tuba. As part of the instruction, all students will be taught percussion using school owned equipment. Direction as to the instrument best suited to each student will be provided by the band director. Instruction will be daily for one semester. Specific information packets will be distributed to each student registered explaining all aspects of the course and informational meetings will be held prior to the start of the fall semester. Sophomore and Junior high school band members may also take this course to learn a secondary instrument. This course may not be taken in place of high school band for current members.

BAND Grades 9-12
Prerequisite: Previous Instrumental Experience 1 Credit
and/or Consent of Director

The Dixon High School Concert/Marching Band rehearses one period per day. In addition, each member has the opportunity to attend one sectional rehearsal each week. The band performs at home football and basketball games. Concert Band performances include the Holiday, Mid-Winter, and Spring concerts. Festivals, parades, and off-campus performance events provide opportunities for travel and for students to perform individually as well as in large groups. Select musicians have the opportunity to participate at the conference, district, and state levels through the NCIC conference and the IMEA. The Dixon High School band program is strongly performance oriented. Rehearsals emphasize the development of each individual's maximum musical potential. Band provides many excellent opportunities for students to grow musically and socially.

MUSIC LITERATURE/THEORY Grades 10-12
Prerequisite: Consent of Instructor 1/2 Credit

This course is designed to analyze music literature. A basic knowledge of the piano keyboard, recognition of clefs, keys, scales and chords will be studied. The biographical sketches of certain composers and their musical contributions will be studied to develop an awareness of form and style in music.

THEATRE Grades 11-12
No Prerequisites ½ Credit

This course is designed for the student with an interest in developing his/her talent and increasing his/her knowledge in the areas of acting and play production. Students will learn about set construction, costuming, make-up, and lighting, as well characterization, stage movement, voice control, and self-discipline. Students enrolled in this class should be involved with the school's production of that semester-either on stage or on a crew or committee. This is an elective Fine Arts class and does not replace any of the required English classes.

FOREIGN LANGUAGE

1. Students are encouraged to begin language study as freshmen to allow a four-year sequence.
2. Students should take at least two years of the same language.
3. The best plan is to take three or four years of the same language.

FRENCH III — Grades 11-12
Prerequisite: "C" Average in French II or Consent of Instructor — 1 Credit

French III continues the development of listening, speaking, reading and writing skills acquired in levels I and II. Vocabulary and structures from the first two years are reviewed as needed, then expanded to include the subjunctive mood and most remaining tenses of verbs, and relative pronouns. By the end of French III the student will have been exposed to most of the major grammatical structures of the French language. Various short stories and other literary material will be read and discussed in French. In addition, students will make short oral presentations in French to the class on assigned topics. Finally, there is continuing exposure to cultural issues and activities.

FRENCH IV — Grade 12
Prerequisite: "C" Average in French III or Consent of Instructor — 1 Credit

French IV is a systematic review and refinement of vocabulary, grammar and structures presented in the first three levels of French. The student's knowledge of language and culture will become more mature and refined. Much of the class will be conducted in French. The emphasis in the first semester is speaking and new grammar, while in the second semester the emphasis is on speaking, grammar review, and reading of French literature. Although French IV is not officially an Advanced Placement course, students are encouraged to consider attempting the AP French Language Exam in the spring.

SPANISH I — Grades 9-12
Prerequisite: "C" average in English — 1 Credit

Spanish I introduces the Spanish language and culture and serves as a foundation upon which to build the higher levels. Basic categories of vocabulary are emphasized, including greeting and counting, common objects around home, school and town, activities and places to go, family, colors and clothing, weather, transportation, sports and games and geography and nationality. Elementary grammar is presented, including the present tense of verbs, gender and number agreement, subject and object pronouns and sentence structure. Proper spelling and pronunciation of Spanish are practiced and emphasized. Listening, speaking, reading and writing, (the four basic language skills)

share in the course content. Finally, there is an introduction to the culture of Spanish-speaking countries and areas.

SPANISH II Grades 10-12
Prerequisite: Spanish I 1 Credit

Spanish II continues the development of listening, speaking, reading and writing skills. Vocabulary from Spanish I is re-introduced and expanded considerably and students gain insight into more sophisticated and idiomatic expressions. Grammar and sentence structure are reviewed throughout the second-year program and there is major focus on stem-changing verbs, expressing the past tense of verbs, using a variety of pronouns, making comparisons and giving commands. Spelling and pronunciation continue to be practiced and encouraged. The student will broaden his knowledge and understanding of the culture of Spanish-speaking countries and areas through regular discussions and activities.

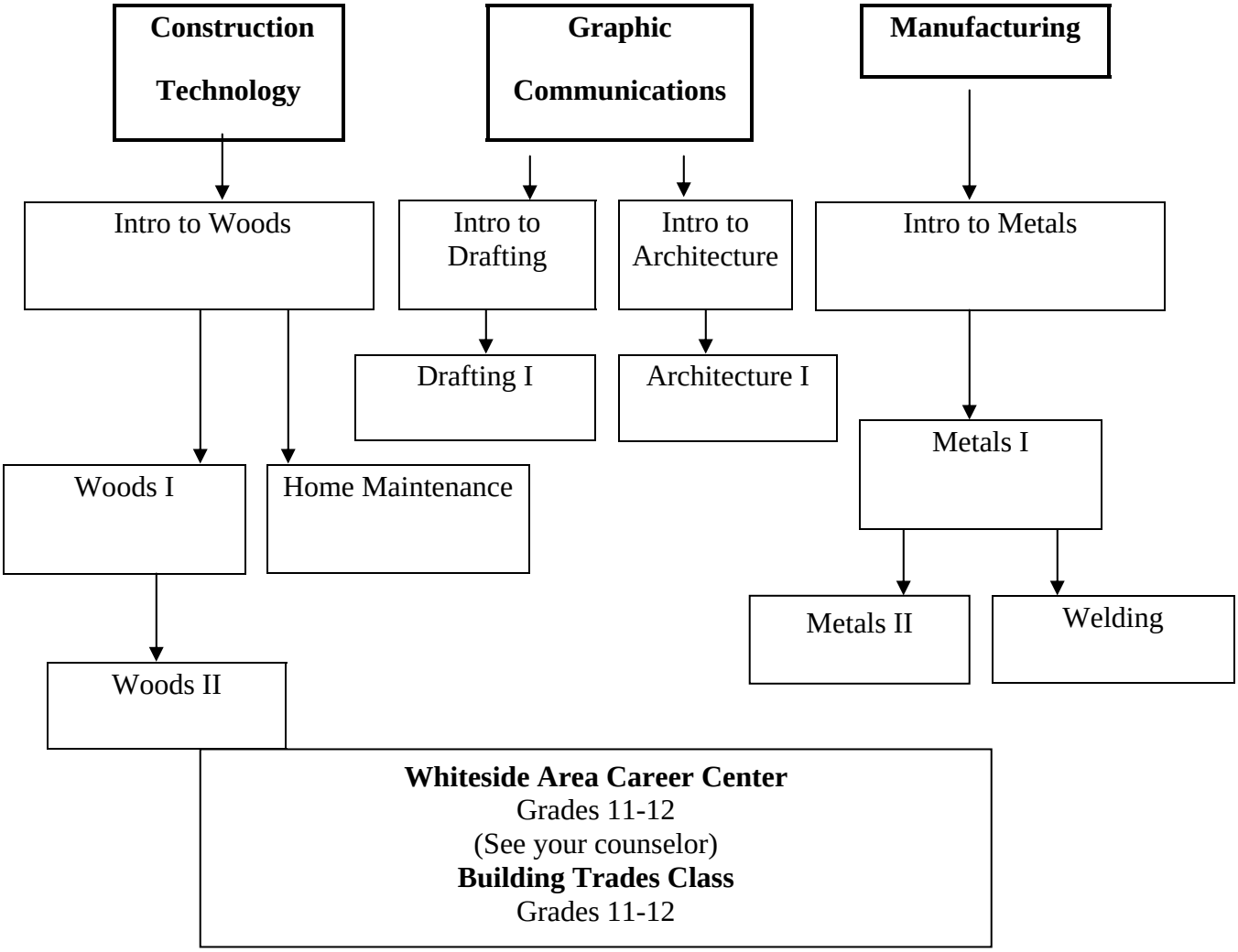
SPANISH III Grades 11-12
Prerequisite: "C" Average in Spanish II or 1 Credit
Consent of Instructor

Spanish III continues the development of listening, speaking, reading and writing skills acquired in levels I and II. Vocabulary and structures from the first two years are reviewed as needed, then expanded to include the subjunctive mood and remaining tenses of verbs, verbal constructions and relative pronouns. By the end of Spanish III the student will have been exposed to most of the major grammatical structures of the Spanish language. Various short stories and other literary material will be read and discussed in Spanish. In addition, students will make short oral presentations in Spanish to the class on assigned topics. Finally, there is continuing exposure to cultural issues and activities.

SPANISH IV Grade 12
Prerequisite: "C" Average in Spanish III or 1 Credit
Consent of Instructor

Spanish IV consists partially of a systematic review and refinement of vocabulary, grammar and structures presented in the first three levels of Spanish. In addition, vocabulary development is accomplished through reading and discussion of a wide variety of printed material in Spanish, from short stories and articles in the popular press, to longer or more sophisticated works. Students will make more frequent oral presentations in Spanish to the class on assigned and/or chosen topics. Cultural material continues to be introduced and discussed. While Spanish IV is not officially designated as an Advanced Placement course, there are many AP components present and students are encouraged to consider attempting the AP Spanish Language Exam in the spring.

INDUSTRIAL ARTS



INTRODUCTION TO WOODS Grades9-12
Entry level 1/2Credit
This is an introductory course to small projects and furniture using wood. The student will be exposed to machine operation and other general techniques. Areas of work include machine tools, gluing techniques, joinery and basic wood finishing. Students are expected to pay for materials used.

INTRODUCTION TO DRAFTING Grades 9-12
Entry level 1/2 credit
This course is to provide communication and to give students an opportunity to continue into the different areas of drafting. Units include lettering, multiview drawing, dimensioning and pictorial drawings in drafting. Students will perform most of their work with paper and pencil and will be introduced to Computer Aided Drafting towards the end of the semester. Students are expected to pay for materials used.

INTRODUCTION TO METALS Grades 9-12
Entry level 1/2 Credit
This course will provide work experience in three common areas of metalworking. Students may use these experiences to aid in narrowing career choices. This course is designed for students interested in metalworking or for general education students. Instructional units include engine lathe operations, precision measurement, oxyacetylene welding, foundry casting, bench metal work, heat-treating, reading prints and safety. Students are expected to pay for materials used.

INTRODUCTION TO ARCHITECTURE Grades10-12
1/2 Credit
This course is a continuation of Drafting Technology, covering lettering, basic house design, techniques and applications, room planning, footings and foundations, plot plans, elevations, residential construction practices, and doors & windows.

WOODS I Grades 09-12
Prerequisite: Passing grade in Introduction to Woods 1/2 Credit
The purpose of this course is to provide an introduction of construction techniques and some training in basic furniture construction. Areas of work include frame construction and cabinet construction. Students are expected to pay for materials used.

WOODS II Grade 10-12
Prerequisite: Passing grade in Woods I 1/2 Credit
The purpose of this course is to provide and advanced format dealing with construction techniques. Areas of work will include a full plan of construction techniques from plan through completed project and mass production techniques. Students are expected to pay for materials used.

DRAFTING I Grades 10-12
Prerequisite: Passing grade in Introduction to Drafting 1/2 Credit
Students who had success in Introduction to Drafting are encouraged to take this course. Advanced work in drafting will cover lettering, auxiliary views, revolutions, sectional views, threads and fasteners, working drawings, pattern developments and architecture. Students will start to use Computer Aided Drafting more in this course. Students are expected to pay for materials used.

METALS I Grades 09-12
Prerequisite: Passing grade in Introduction to Metals 1/2 Credit
This course is designed for those students who show special interest and ability in the metalworking field. Heavy emphasis is placed on the metal machining area. Advanced project work will also be done in sheet metal, welding, foundry and bench metal. This is designed for juniors and seniors who are vocationally oriented students. Instructional units include milling operations, surface grinding, tap and die work, arc welding, cutting, brazing, heating treating, and print reading. Students are expected to pay for materials used.

METALS II Grades 10-12
Prerequisite: Passing grade in Metals I ½ Credit
This course is designed for those students who show special interest and ability in the metalworking field. Students who had success in Metals I are encouraged to take this course. Heavy emphasis is placed on the metal machining area. Advanced project work involving a wide range of machines will be completed. Milling operations, lathe turning, drilling, surface grinding, cutting, heating treating, print reading, print development, foundry, sheet metal, welding, precision measuring, and shop mathematics will be covered. Students are expected to pay for materials used.

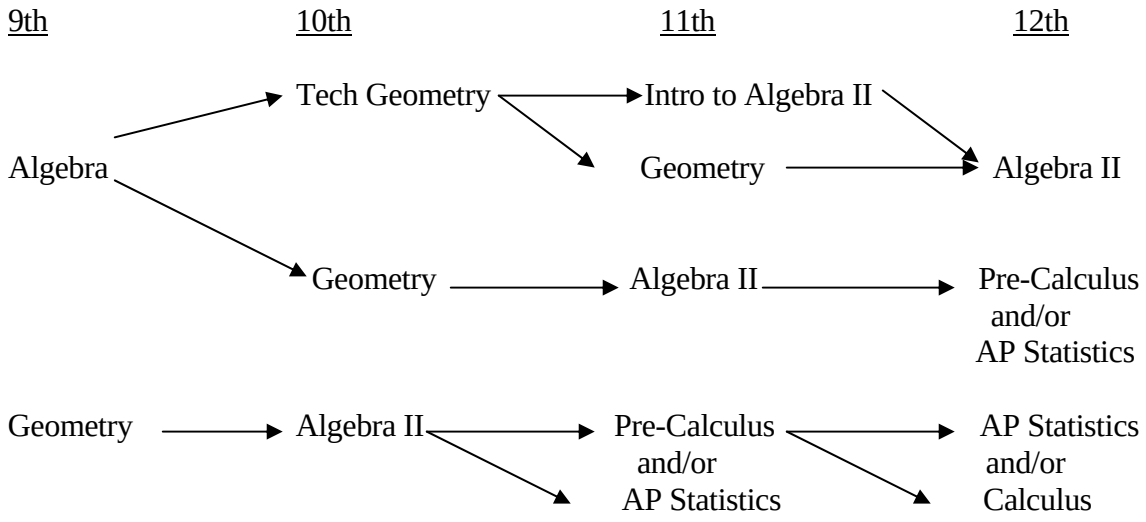
WELDING Grades 11-12
No Prerequisites 1/2 Credit
This is an eighteen-week course that is divided into five areas of welding. Fundamental concepts will be covered in the following areas: introduction to welding, shielded metal-arc welding, gas shielded-arc welding, oxy-acetylene welding, and arc welding. General welding safety will be stressed and print reading. This course will help the student who plans to enter the welding industry or for his or her own use at home.

HOME MAINTENANCE Grades 10-12
*C or higher in Intro to Woods if taking in Grade 10 1/2 Credit
Home Repair and Maintenance is a course that is designed to give the student a basic background in general household repair jobs and basic home maintenance chores that the average home owner should be able to handle on their own. Areas of work will include basic carpentry skills, general electrical, and wall framing and repair.

ARCHITECTURE I Grades 9-12
Prerequisite: Passing grade in Intro to Architecture. ½ Credit
This course is a continuation of Intro to Architecture. Students will work on designing their own set of house plans from foundation to roof top. Basic house design and residential house construction practices will be emphasized throughout the semester. Computer Aided Drafting will be used extensively.

BUILDING TRADES Grade 11-12
3 credits
This course will provide an opportunity for students who are planning on entering a post secondary educational program in construction or enter into the workforce at entry level. The focus of the class will be the construction of residential type structures in the community, with an emphasis on foundations, framing, exterior and interior finish, and roofing. Students will develop workplace skills in basic math, hand and power tools, basic blueprint reading, safe work habits, proper job attitudes, technical jargon and learn about the wide variety and opportunities in the field of construction.

MATHEMATICS 9-12 CURRICULUM SEQUENCES



Special situations may warrant modifications to flow chart. Geometry and Algebra II and Intro to Algebra II may be taken concurrently. Dixon High School requires three credits in mathematics to graduate.

ALGEBRA I — Grades 9-12, 1 Credit

Algebra I is a full year course that covers the essentials of beginning Algebra. Included in the first semester are all the operations involving signed numbers, expanding and simplifying algebraic expressions, multiplying and factoring polynomials, solving equations and inequalities with one variable. Second semester material includes systems of equations, graphing equations, solving story problems, working with radicals and solving quadratic equations. Algebra I is almost a must for any student intending on going to a vocational school or college.

GEOMETRY — Grades 9-12, 1 Credit
Prerequisite: Algebra I

Geometry is the study of the mathematics of the properties, measurement and relationships of points, lines, angles, surfaces and solids. The course emphasizes the processes of deductive reasoning. Most colleges require this course as a minimum preparation in mathematics for entry.

TECHNICAL GEOMETRY — Grades 10-12, 1 Credit
Prerequisite: Algebra I

The concepts usually presented in the traditional college preparatory geometry will be investigated. Exploration will be done using the traditional tools of geometry along with the appropriate computer/calculator software. The course is offered to those students who earn below a C- in Algebra I or to those recommended by staff. Students cannot proceed to Algebra II from this course. Illinois colleges do not accept this course as a high school math credit for purposes of admission.

ALGEBRA II Grades 10-12
Prerequisite: Geometry 1 Credit
Algebra II includes a review of topics taught in Algebra I and progresses to more mature work in these areas. Advanced topics from functions and coordinate geometry are also introduced so that upon completion a student has the solid foundation to move to the Pre-Calculus course and beyond. Completion of Algebra II should be regarded as a minimum amount of mathematics needed by the college-bound student.

INTRO TO ALGEBRA II Grades 11-12
Prerequisite: Tech Geometry 1 Credit
Intro to Algebra II go through basic concepts usually presented in the traditional college preparatory Algebra II. Topics covered and pacing of this course will be determined by progression of students through the content. Successful completion allows students to proceed to Algebra II. Illinois colleges do not accept this course as a high school math credit for the purpose of admission.

PRE-CALCULUS Grades 11-12
Prerequisite: Algebra II 1 Credit
Pre-Calculus is a one-year course which includes the study of trigonometry, advanced algebra, theory of equations and analytic geometry. The trigonometry functions are first presented as circular functions. The traditional point of view of the trigonometric functions is also presented. Knowledge of trigonometry is a prerequisite for most technical college courses. The other topics from advanced mathematics should prepare the student for calculus and other college mathematics courses.

ADVANCED PLACEMENT STATISTICS Grades 11-12
Prerequisite: Algebra II 1 Credit
Advanced Placement Statistics is a course in mathematics that is equivalent to a one semester, introductory, non-calculus based, college course in Statistics. The purpose of the course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The topics for the course are divided into four major themes: exploratory analysis, planning a study, probability, and statistical inference. The course is not a replacement for other courses in the mathematics curriculum. Students who will need to take Calculus should include Pre-Calculus as one of their high school math courses. AP Statistics will prepare students for the Advanced Placement Statistics Examination. This exam is optional and requires a student paid fee. Successful completion of the exam entitles the student to college credit at over 2000 colleges and universities.

CALCULUS Grade 12
Prerequisite: Pre-Calculus 1 Credit
Calculus is a course in mathematics that consists of a full academic year of work in calculus and related topics. The course is comparable to the first semester calculus course taught in college. Calculus is the reformulation of elementary mathematics through the use of the limit process. The course is intended for senior students who have a thorough knowledge of college preparatory mathematics, including algebra, geometry, trigonometry and analytic geometry.

PHYSICAL EDUCATION/HEALTH/DRIVER EDUCATION

PHYSICAL MANAGEMENT I & II — Grades 9-12
Prerequisite: Consent of Instructor — 1/2 Credit

Students will learn about the physiological and psychological benefits of aerobic exercise and will participate in an individualized progressive fitness program, of which walking will be a major component. Activities involving nutrition, daily lifestyle habits and body image will be included in the course.

INTRO TO PHYSICAL EDUCATION — Grade 9
No Prerequisites — ½ Credit

This course is designed to introduce students to a variety of competitive/recreational sports, and physical fitness activities. Emphasis will be placed on developing basic skills necessary for one to participate in a variety of lifetime sports and activities. Activities may include but are not limited to volleyball, badminton, floor hockey, soccer, basketball, team handball, flag football, softball, kickball, pickle-ball, bags, fitness and conditioning. A cumulative exam will be given at the end of each semester. Students may also be certified in CPR. This class will include written tests and performance based assessments.

PHYSICAL EDUCATION I & II — Grades 10-12
No Prerequisites — ½ Credit

This course is designed to enhance students' skills in a variety of competitive/recreational sports, and physical fitness activities. Students will participate in various physical conditioning activities. Rules and regulations for multiple units will be reviewed while expanding to more advanced skills and strategies necessary for one to participate in lifetime sports and activities. Activities may include but are not limited to volleyball, badminton, floor hockey, soccer, basketball, team handball, flag football, softball, kickball, pickle-ball, bags, fitness and conditioning. This class will include written tests and performance based assessments. A cumulative exam will be given at the end of each semester.

ADVANCED WEIGHTLIFTING — Grades 9-12
Prerequisites: — ½ Credit

1. **Grade 9 students can enroll in the class with the intent of participating in DHS athletics.**
2. **Students must earn a "B" or higher in a Physical Education course the previous year/semester <u>and</u> have Physical Education instructor consent.**

This class is geared toward student athletes to improve strength, endurance, and conditioning. Students who take this course should have a strong desire to improve one's fitness level. Basic and advanced lifting and agility techniques will be emphasized. Strength testing will be completed throughout the semester for the exercises introduced. This will be accompanied by a cumulative exam at the end of the semester. The ability to access the internet at home or school will be required. Class activities include, but are not limited to strength/endurance training, agility skills training, flexibility exercises, and periodic competition days.

PHYSICAL EDUCATION EXEMPTION

Any 11th or 12th grade student wishing to apply for exemption from Physical Education under Board Policy IGAFA must complete the required form and submit it before the last day to add or drop classes each semester. NO EXEMPTIONS will be given after the last day to add or drop a class each semester. Students participating in athletics may request exemption from Physical Education for a STUDY HALL ONLY if they are not currently enrolled in a study hall and meet the following conditions:

1. An athlete requesting exemption from Physical Education must have participated in that sport and finished the season in good standing the previous year.
2. Athletes who opt to take a study hall will remain in study hall for the remainder of the semester unless they quit the sport in which case they will be returned to physical education classes.
3. Athletes who opt from Physical Education will not receive credit or a grade for athletics. They will be graded in Physical Education for the work completed in Physical Education only. Credit will be received if the athlete receives a passing grade in the Physical Education class.
4. Athletes who request exemption from Physical Education to take a course will receive NO credit for Physical Education. A student who drops a course or completes a course in mid-year must return to Physical Education as soon as possible.

Non-athlete 11th or 12th grade students may request exemption from Physical Education if they are not already enrolled in a study hall during the time of exemption and:

1. The student provides written evidence that they need a specific course for college admission not in included in the local school's minimum standards.
2. The student lacks sufficient course credit of one or more courses required by state statute or local school board policies for graduation.

Students in grades 9-12 may be excused from participating in Physical Education for the following reason:

- Participation in a Marching Band program for credit. The exemption will extend until the semester ends. If a student drops Marching Band during the exempted period, the student will be enrolled in Physical Education for the remainder of that semester. The Marching Band grade will be used to help determine a quarter and/or semester Physical Education grade. The transcript will reflect the withdrawal from Marching Band.

The rationale supporting these guidelines is consistent with those guiding the proposed graduation requirements. It is more desirable and more cost efficient to have students in classes than to have students in study halls.

HEALTH EDUCATION Grades 9-12
No Prerequisites 1/2 Credit

This course is a requirement for graduation. It is a coeducational course required of all freshmen unless there is an unusual schedule problem. In this case, it may be taken the sophomore year. It will include all of the critical issues in health today--instruction on substance abuse (tobacco, alcohol and drugs) is included. Human relationships and personality development are taught in regard to peer groups, family members and the opposite sex. A unit on sexuality is emphasized. There is a unit on disease including emphasis on heart disease and cancer. Nutrition, physical fitness, environmental pollution, safety and first aid are topics that are also covered. Interesting visual aids are employed and community guest speakers are used whenever possible. The primary purpose of this course is to acquaint the student with factual information pertaining to individual and community health.

DRIVER EDUCATION Grades 9-12
Prerequisite: 15 years of age, $50 course fee 1/2 Credit
Social Security Card

Driver Education is a nine-week classroom course offered when the student is 15 years of age according to the following guidelines:

1) 1st semester: The student must be 16 years of age prior to July 31.
2) 2nd semester: The student must be 16 years of age prior to January 31 of the following school year.
3) Students who turn 16 prior to April 30 have the option of enrolling in summer school or 1st semester the following year. Registration for summer school Driver Education will be held in April.

Effective January 1, 1994, public and private school students who desire to take Driver Education courses must receive a passing grade in at least eight courses during the previous two semesters prior to taking Driver Education.

Effective January 1, 1969, a driver's license cannot be issued to anyone under 18 years of age unless he has successfully completed an approved Driver Education course.

The classroom phase of the course is textbook based and meets daily for 9 weeks.

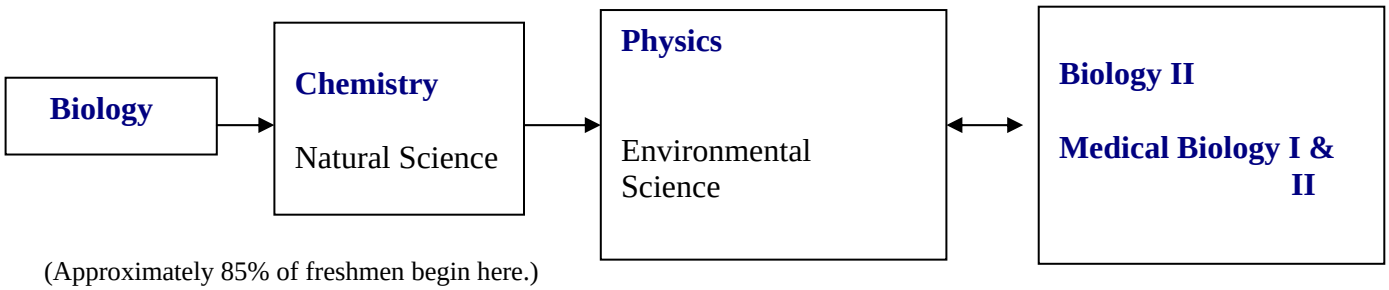
A prerequisite for the course is an instruction permit from the Secretary of State and is usually secured the first period of the course at a cost of $20.00. A Social Security number is necessary to secure a driver’s license.

Driver Education, Safety Education Section, 5.04.3: "Each classroom course must have a definite starting and completion date. Late registrations shall not be accepted beyond the third day of the course, at which time the course must be closed to further enrollments.

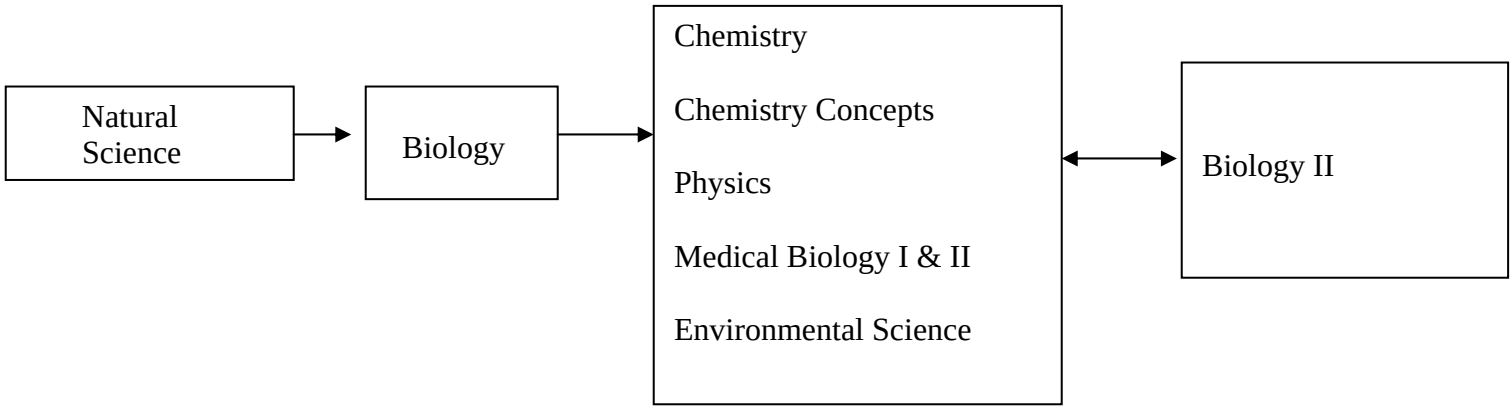
5.04.4..."No school shall permit the student to be absent from more than five (5) class sessions without requiring the student to re-enroll in a later course and to start over.

SCIENCE

(Approximately 15% of freshmen begin here.)



(Approximately 85% of freshmen begin here.)



NATURAL SCIENCE G/M — Grades 9-12
No Prerequisites — 1/2 Credit

This lab-based course covers material in the areas of Geology and Meteorology. Laboratory activities will prepare students for further study in science and will enhance their decision-making skills.

NATURAL SCIENCE P/A — Grades 9-12
No Prerequisites: Students are encouraged to have a scientific calculator. — 1/2 Credit

This lab-based course covers material in the areas of Physics and Astronomy. Laboratory activities will prepare students for further study in science and will enhance their decision-making skills. This course is not open to students enrolled in, or who have completed, Physics.

BIOLOGY Grades 9-12
No Prerequisites 1 Credit

Biology is a study of living things. Emphasis is placed on concepts applicable to all living systems, both plant and animal. The course is activity-oriented with both laboratory and fieldwork. Laboratory activities include both investigatory experiments and those more confirmatory in nature. Biology is primarily a sophomore subject, but is open to upper classmen and to freshmen that plan a four-year science program including the advanced courses.

BIOLOGY II Grades 11-12
Prerequisites: A or B in Biology and Chemistry 1 Credit
Meet minimum ACT or SVCC Placement score

This is a full year, laboratory based, college-level introduction to biology class. Students who successfully complete this class will be given credit through DHS and credit for Biology 104 through Sauk Valley Community College.

ENVIRONMENTAL SCIENCE Grades 10-12
No Prerequisites 1/2 Credit

The course includes a study of the principles of ecology, the pollution of our environment and its remedies and the wise use of our energy resources. Activities include field studies of the Rock River and the nearby woods, viewing of audio-visual materials, reading related reference materials and class discussions. This course applies to the two-year science requirement for high school graduation but does not count as a laboratory science toward the college entrance requirement.

CHEMISTRY Grades 10-12
Prerequisite: Algebra I or an A or B in Algebra AB 1 Credit
Sophomores - A or B in Biology and Algebra I or Geometry
Requirement: Student must have a scientific calculator.

This is a basic course in Chemistry with emphasis on a general understanding of both the theoretical concepts and mathematical relationships involved in chemical reactions. The course is laboratory-oriented with experiments being both investigatory and confirmatory in nature. The course is primarily a junior-senior course but is open to sophomores with an interest in taking four years of science, including the advanced courses, and meeting the above prerequisites.

CHEMISTRY CONCEPTS Grades 10-12
1 Credit

Prerequisite: NS G/M, NS P/A, Biology, &/or Math and Science faculty recommendation.
Students are encouraged to have a scientific calculator.

This is a one full year conceptual chemistry course. Chemistry concepts are developed with less emphasis on memorization and algebraic problem solving. Exercises and simple laboratory activities will prepare students for further study in science and will enhance their critical thinking skills. This course is designed for, and limited to, students who have not yet developed the math skills needed for the college preparatory chemistry class. While this course will provide a full credit toward the DHS science requirement, it will not fulfill the high school chemistry requirement of many colleges or universities.

PHYSICS Grades 11-12
1 Credit

Prerequisite: Algebra I or
Algebra A and B with a grade of A or B
(Geometry is recommended)

Requirement: Student must have a scientific calculator

This is a fundamental course in Physics with emphasis on a general understanding of theoretical concepts and the mathematical relationships involved in the basic rules of nature. The course is laboratory-oriented with experiments being both investigatory and confirmatory. In this course, comprehension of concepts before calculation is the key to understanding the topics in the science of Physics.

MEDICAL BIOLOGY I Grades 11-12
1/2 Credit

Prerequisite: C or better in Biology
Completion of Natural Science (both semesters) or Chemistry

This is a one-semester course designed for students who have successfully completed the regular Biology course and are considering a health related career. This course focuses on body chemistry and the normal function of body tissues with an emphasis on abnormal conditions and their treatment. Career opportunities within the medical field also will be explored. Course content and technical applications will be explored through laboratory experiences, guest speakers and demonstrations by local medical professionals. This course may or may not be followed by Medical Biology II.

MEDICAL BIOLOGY II Grades 11-12
1/2 Credit

Prerequisite: Medical Biology I

This is a one-semester course designed for students who have successfully completed Medical Biology I. This course focuses on the normal function of the major body systems with an emphasis on abnormal conditions and their treatment. Career opportunities within the medical field also will be explored. Course content and technical applications will be explored through laboratory experiences, guest speakers and demonstrations by local medical professionals.

SOCIAL STUDIES

9th	10th	11th	12th
World History	Social Studies Elective Consumer Ed Economics	U.S. History or AP U.S. History Consumer Ed Economics	Social Studies Elective Consumer Ed Economics

Three credits in Social Studies are required for graduation. One of the credits must be in U. S. History, one credit must be in World History and .5 credit in Government (beginning with the class of 2009). Consumer Education or Economics is also required for graduation.

CONSTITUTION TEST

The State of Illinois requires that all students must pass a written test on the Federal Constitution, Constitution of the State of Illinois, Declaration of Independence and the rules of the American Flag. Dixon High School will cover this material and will give this test in all Government classes.

WORLD HISTORY I — Grade 9
No Prerequisites — ½ Credit
A survey course in World History including, The Rise of Europe, The Middle Ages, The Byzantine Empire and Russia, The Muslim World, The Renaissance and Reformation, The First Global Age, and The Age of Absolutism. This is the first semester of a one-year course and a working curriculum. Students who enroll in this class first semester must enroll in World History Part II second semester of the same school year.

WORLD HISTORY II — Grade 9
Prerequisite: World History I — ½ Credit
A survey course in World History including the Enlightenment, Revolutions throughout Europe, The Industrial Age, Nationalism, World Wars I and II, and recent world history from 1945 to the present. This is the second semester of a course study designed as a full year class.

U.S. HISTORY I — Grade 11
Prerequisites: World History I & II — ½ Credit
A survey course of American History, including, the Civil War, Reconstruction, the Era of Industrial Growth, Immigration, Progressive Era, and World War I. This is the first semester of a one-year course and a working curriculum. Students who enroll in this class first semester must enroll in U.S. History Part II second semester of the same school year.

U.S. HISTORY II — Grade 11
Prerequisites: U.S. History I — ½ Credit
A survey course of American History from the Roaring 20's to the present. The course will emphasize the Great Depression, World War II, the Cold War, the Korean Conflict, Vietnam, The Civil Rights Movement, The 1970's, The Conservative Revolution, and recent American history to the present.

AP U.S. HISTORY Grade 11-12
1 credit

The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship. An AP U.S. History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. AP US History will meet the graduation requirements for US History. Students enrolled in AP US History may not take US History I and II.

GOVERNMENT Grades 10-12
Required for graduation ½ Credit

Government is a practical, hands-on course organized around the function and role of government concentrated around three levels. Those three levels of government are federal, state, and local. The course will have an emphasis on the U.S. Constitution, the Illinois State Constitution, and the operations of local government concentrating on city, township, and the county. Other topics will include comparing the United States form of government to forms of government in other countries.

CONSUMER EDUCATION Grades 11-12
Required for Graduation ½ Credit

This course or the passing of a proficiency exam is required for graduation. Consumer Education is the study of the role of the consumer in the nation's economy. It teaches reasoning and decision making, while providing reliable information for purchasing, use of goods and services and management of personal finance. Class time will be devoted to installment purchasing, budgeting and price comparison. Additional topics are: savings and investments, renting or owning a home, insurance, taxes, rights and responsibilities, credit, current law and contracts, advertising, labels, guarantees and supply and demand.

ECONOMICS Grades 11-12
No Prerequisites ½ Credit

Economics is a practical, hands-on course organized around three unifying experiences: The student company, computer management simulations, and economic trade-off case studies. Topics are studied from the perspectives of business, the consumer, labor, and government. The course uses a microcomputer in the classroom to publish company financial reports, conduct management games, and create economic simulations. The course features a business executive one day a week in the classroom and audio-visual learning. The successful completion of this course also meets the Consumer Education graduation requirement. This course and Consumer Education may not be taken concurrently.

PSYCHOLOGY Grades 11-12
No Prerequisites ½ Credit
This course is designed to help the student understand himself. Special emphasis will be placed on stress, intelligence, conflicts, adjustment mechanisms, personality, mental disorders, and psychological concepts.

SOCIOLOGY Grades 11-12
No Prerequisites ½ Credit
This course is a semester introduction to Sociology and social problems in American society. The emphasis is placed upon students' developing an understanding, both in depth and in breadth, of social systems and the individual's changing role in these systems. This course will investigate different sociological theories while exploring practical applications of these basic theories and other important sociological concepts. Students will use this sociological knowledge and these skills to investigate social issues pertinent to modern American society.

GLOBAL CULTURAL STUDIES Grades 10-12
No Prerequisites ½ Credit
Global-Cultural Studies is a semester course with the major objectives of giving the students a basic understanding of both physical and cultural geography. This class will help students broaden their understanding of social science concepts and terms and develop a program of work study and map skills as well as extend their reading and writing skills. North America and regional world geography will be the main focus of the course. The course is designed to meet the needs of all students, both those attending college and those going directly into the work force.

CURRENT WORLD ISSUES Grades 10-12
No Prerequisites ½ Credit
Current World Issues is a semester course. The skills taught will include the reading and writing skills of inferring the main idea of passages, using context clues to determine the meaning of unknown words, identifying details that support the author's purpose or message, identifying cause-effect relationships, and drawing generalizations using details that support the main ideas of a passage. Math skills taught will include working with estimation, solving arithmetic problems that involve rates, proportions, and percentages, reading tables and graphs, translating information into a table, graph, or diagram, and determining probability. Public speaking skills will include debating local, state, and federal decisions in the news, house or senate bills from Springfield or Washington D.C., and current financial issues.

CROSS CATEGORICAL SPECIAL EDUCATION
(TMH, MR, SLD, ED)

Admission to this program is based upon the recommendation of a multi-disciplinary team, which is composed of the student, parent(s), teachers, administrators, counselor, social worker, and psychologist. The team meets annually to determine appropriate goals, to develop the Individual Education Plan (IEP), and to determine the least restrictive environment in which the student will be successful. The curriculum is then designed to fit each student's individual needs. Students are included in regular education courses whenever appropriate and as much as possible.

LIFE SKILLS Grades 9-12
No Prerequisites 1 Credit
The Life Skills class is designed to give the student practice in developing his/her needs to live independently. Emphasis is made on household skills such as cooking and cleaning skills. The students' individual needs and skill levels in this area determine the activities.

MATH Grades 9-12
No Prerequisites 1 Credit
This course is designed to develop the students' efficiency in daily functional math skills and develop those skills for practical applications.

READING Grades 9-12
No Prerequisites 1 Credit
This course is a functional reading program using the Edmark Functional Reading programs. Additional reading programs will be provided for individual students. Real life situations will be provided to increase knowledge of the functional reading words learned. Methods associated with vocabulary and language development are part of this course. Or an individual program will be set up from the student's IEP, if reading is determined to be insignificant to the student's education needs by the multi-disciplinary team.

SOCIAL SKILLS Grades 9-12
No Prerequisites 1 Credit
This class is designed to teach students skills that they can use during their free time. It includes indoor and outdoor social activities and games such as horseshoes, Frisbee, dancing and basketball. A variety of group table games are made available. Each student also works on individual projects for seasonal holidays and Special Olympic activities and practices.

VOCATIONAL SKILLS I and II Grades 9-12
No Prerequisites 1 Credit
The purpose of this class is to train students in skills that could be used in the work place. Those skills would include sorting objects of color, size and shape, packaging, making boxes, working on an assembly line, folding and stapling. Vocational Skills II has the same objective, but with an added emphasis on working over a longer time span.

COMPUTER APPLICATIONS Grades 9-12
No Prerequisites 1/2 Credit
Using a computer program, students will learn letter placements on the keyboard. All basic keyboarding skills will be taught. Requirements are to demonstrate a minimum 80% accuracy rate.

CONSUMER EDUCATION 2 Grades 9-12
No Prerequisites 1/2 Credit
The Basic Living course teaches basic skills to survive in the world today. Budgeting, household management, purchasing, and other skills are taught. Vocational skills include looking for a job, applications, interviewing skills, and ways to keep your job. Basic Living and Vocational classes are taught on a 2-year rotation.

COOKING 2 Grades 9-12
No Prerequisites 1/2 Credit
This course studies basic nutrition along with techniques and proper procedures in food preparation. Students will learn proper measuring, care of equipment, how to read recipes, meal planning, and various terms of cooking. The class may plan and prepare a meal weekly for their lunch. This course is offered one semester each year, with the contents being rotated on a 4-year cycle.

ENGLISH 2 Grades 9-12
No Prerequisites 1 Credit
A basic English program is presented along with reading development, a variety of writing experiences, spelling checks, and grammar. Reading a selection of "classic" novels increases students' exposure to literature. Students learn the practical application of their reading and writing skills.

HEALTH 2 Grades 9-12
No Prerequisites 1/2 Credit
This course will be taught on a 4-year cycle. The cycle begins by teaching interpersonal relationships. This course teaches the importance of having good interpersonal skills in school, at work, in the community and with family and friends. The students practice working on a team to complete a project. They also learn about the skills needed to be a good volunteer and a good friend. The second and third Health courses taught are basic Health. Topics such as sex education, healthy eating and body awareness are covered. Of great importance are the subjects on drug and alcohol abuse, smoking, mental health and the systems of the body. The fourth Health course is divided into two topics. The first one is on personal hygiene, attitudes, dress, and grooming. This is taught with the emphasis being how the student presents himself in the work place. The second topic is Basic First Aid. The student is taught how the knowledge of First Aid might be needed in school, in the community and in a family.

MATH 2 Grades 9-12
No Prerequisites 1 Credit
This math program is presented to the student to review and premeditate his/her knowledge of the basic operations of addition, subtraction, multiplication, and division for whole numbers. Also included are sections on fractions, decimals, place value, money, measurement, and time. Much time is spent on problem solving and the practical application of these skills.

PHYSICAL EDUCATION 2 Grades 9-12
No Prerequisites 1/2 Credit
Adaptive Physical Education is modified Physical Education for individuals with special needs. The class is set up to provide any student with any physical or mental ability an enjoyable and educational physical learning experience. Activities and games are simply modified to accommodate these individual needs.

SCIENCE 2 Grades 9-12
No Prerequisites 1/2 Credit
This course studies basic science topics. Year one covers general science, covering physical science, earth science, life science, and chemistry if time allows. Year two covers the study of the human body and land animals. The third year covers plant life and water life. The fourth year studies space travel and the solar system, along with units decided according to the interests of the students.

SOCIAL STUDIES 2 Grades 9-12
No Prerequisites 1/2 Credit
This course will be taught on a 4-year cycle. The first course begins by with students learning about their Government at the federal, state and local levels. This course will cover the Constitution, citizenship, and our country's laws and how they apply to us. The second and third course will be World Geography. They will cover five major themes of geography including, location, human and environmental interactions, population migration, and geographic regions. The fourth course will be United States History. This course highlights our country's major historical events and the people who helped to shape history.

ALGEBRA 5A Grades 9 – 12
No Prerequisites 1 Credit
Algebra 5A is the first part of a two-year course covering the essentials of Algebra. Included in the first year are all the operations involving signed numbers, expanding and simplifying algebraic expressions, solving story problems, factoring and solving equations with one unknown, and solving inequalities with one variable. This is a developmentally-sequenced course designed to implement the student's I.E.P.

ALGEBRA 5B Grades 9-12
Prerequisites: Algebra 5A 1 Credit
Algebra 5B is the second part of a two-year course covering the essentials of Algebra I. Course material includes systems of equations, graphing equations, solving story problems, working with radicals and solving quadratic equations. This is a developmentally sequenced course designed to implement the student's I.E.P. as determined by the multi-disciplinary team.

COMPUTER CREDIT RECOVERY Grades 9-12
No Prerequisites 1/2 Credit
A computer-assisted learning class designed to allow students to recover credits in the areas of English, math, social studies and science.

CONSUMER EDUCATION Grades 9-12
No Prerequisites 1/2 Credit
This course coves a basic introduction to consumer skills that is intended to make the student aware of and comfortable with the responsibility of being an adult consumer. It is a developmentally sequenced course designed to implement the student's I.E.P.

COOP I Grades 11-12
Prerequisite: Junior or Senior Standing or Recommendation of the IEP Team 1 Credit
Coop I is the introductory course for junior/senior special needs students who are entering the world of work. Students are involved in a related instruction class to develop work adjustment skills to prepare them for the world of work.

COOP II Grades 11-12
Prerequisite: Junior or Senior Standing or Recommendation of the IEP Team 1 Credit
Coop II is the second year course for junior/senior special needs students to prepare the students for competitive employment/supported work employment following graduation from high school. The major emphasis of this course is to prepare the students for transition from the school environment to the world of work.

COOP WORK I/II Grades 11-12
Prerequisite: Enrollment in Coop I or Coop II Class 1 Credit
or recommendation of the IEP Team
Junior/Senior special needs students may be released one to period of the school day to participate in a work experience situation, if employed. The work experience component of the program may be in one of the following work sites: in-school work and/or community job sites. Students are evaluated at regular intervals to determine progress/success. Students are required to complete monthly time cards signed by their current employer. If not employed, students are required to complete weekly employment contact reports.

ENGLISH 3 Grades 9-12
No Prerequisites 1 Credit
A basic grammar program is used in correlation with reading development and written or spoken language. Dictionary skills, methods associated with vocabulary improvement, and writing experiences are an integral part of the course. Students will be exposed to major novels, short stories, and basic real life reading situations. This is a developmentally sequenced course designed to implement the student's I.E.P.

ENGLISH 4/5 Grades: 10-11
No Prerequisites 1 Credit
This course is divided over a two year time period. English 4/5, over the course of two years, will emphasize grammar, mechanical skills, writing, and composition skills. Areas of concentration will also be placed on vocabulary, word usage, and reading comprehension. Developing five paragraph essays and public speaking will also be emphasized.. This is a developmentally sequenced course designed to implement the student's IEP, as determined by the multidisciplinary team.

GEOMETRY 4/5 Grades 11 – 12
Prerequisites: Algebra 5A & Algebra 5B 1 Credit
Geometry is the study of the mathematics of the properties, measurement and relationships of points, lines, angles, surfaces and solids. These geometric skills are investigated in an applications-oriented format, emphasizing a hands-on approach to learning. Exploration of geometry is achieved by using traditional tools, as well as appropriate computer software and scientific calculators. This is a developmentally-sequenced course designed to implement the student's I.E.P.

HEALTH 4/5 Grades 9-12
No Prerequisites ½ Credit
This course is a requirement for graduation. It is a coeducational course required of all freshman. The course will increase the student's level of competency on topics relating to his/her mental, physical, and social well-being. Areas of concentration will also be placed on substance abuse, human relationships, personality development, diseases, nutrition, and physical fitness. An abstinence and Baby Think It Over program are emphasized. Interesting visual aids are employed and community guest speakers are used whenever possible. This is a developmentally sequenced course designed to implement the student's IEP, as determined by the multidisciplinary team.

MATH 3/4/5 Grades 9-12
No Prerequisites 1 Credit
This course is designed to develop the student's efficiency in the performance of the basic operations of arithmetic, algebra, and geometry, and to develop those skills for practical application.

READING 3 Grades 9-12
No Prerequisites 1/2 Credit
This course is designed to develop the student's efficiency in the areas of reading comprehension, use of context clues, inference, predicting, surveying, skimming, scanning, and vocabulary development. Students will utilize library and study. This is a developmentally sequenced course designed to implement the student's IEP as determined by the multidisciplinary team.

RESOURCE STUDY HALL Grades 9-12
No Prerequisites 1/2 Credit
This course allows students to receive structured help on their class assignments while gaining Dixon High School credit at the same time. Students must bring work from other classes to RSH, in order to receive a passing grade. If other work is not available, study packets will be provided for the student. Students will be required to complete an assignment notebook.

SCIENCE 3 Grades 9-12
No Prerequisites 1/2 Credit
The course includes a basic introduction to the concepts used in the three main branches of science: life, physical, and earth science. Laboratory experiences will be used to reinforce the classroom work.

SCIENCE 4/5 Grades 9-12
No Prerequisites 1 Credit
This course parallels the mainstream science curricula. Year one covers the Natural Science areas of Geology, Meteorology and Astronomy. The second year covers Biology concepts: the study of living things. Year three involves the study of Physical Science: basic concepts in Chemistry and Physics. Each year includes laboratory activities which will further students' understanding of the concepts being studied, as well as enhance their critical thinking skills. Each course is adapted and modified yearly according to the needs of the enrolled students.

SOCIAL STUDIES 3 Grades 9-12
No Prerequisites 1/2 Credit
This course is designed to give students an overview of the field of study called the social sciences. Four major areas are explored: psychology, sociology, geography, and history. Also included is a brief unit on study skills. (Political science is not included since the constitution requirement is met in the U.S. History class.) The course makes use of short readings in conjunction with experiments building upon readings. The student is engaged in projects and activities that reinforce basic skills and knowledge acquired from the readings.

GOVERNMENT 4/5 Grades 9-12
No Prerequisites 1 Credit
This course covers the structure of the government of the United States, past and current implementation of the Constitution and comparison with other forms of government. The study of state and local government is used to reinforce the responsibilities of good citizenship. This is a developmentally sequenced course designed to implement the student's I.E.P. as determined by the multi-disciplinary team.

U.S. HISTORY 4/5 Grades 9-12
No Prerequisites 1 Credit
The focus of this course will be to study a variety of historical concepts and events in the history of the United States from western expansion to present day. It is a developmentally sequenced course designed to implement the student's I.E.P.

WORLD HISTORY 4/5 Grades 9-12
No Prerequisites 1 Credit
The focus of this course will be to study a variety of historical concepts and events in world history from the middle ages to modern civilization. It is a developmentally sequenced course designed to implement the student's I.E.P.

2011 - 2012
WHITESIDE AREA CAREER CENTER
Course Descriptions

Allied Health is a one-year program offered to junior and senior students that are interested in pursuing a career in various medical fields. Students are in the classroom two or three days per week, and at clinical sites the other days. Students change clinical sites each quarter and classroom/coursework is offered the other two/three days per week. Clinical sites include, but are not limited to, hospitals, clinics, long-term care facilities, chiropractors, veterinary clinics, physical therapists, etc. Students can practice in different areas of the medical field, such as Maternal-Child Nursing, Geriatrics, Emergency Nursing, Radiology, Dental Medicine, Veterinary Science, and more. Make a difference as a health care provider! Students interested in participating in the work-based learning program will need to pass the SVCC entrance exam and be recommended by his or her counselor.
6 Dual Credits with SVCC: 3 credits for Medical Terminology (NRS116) and 3 credits for Diet and Nutrition (NRS132)

Auto Service is a one- or two-year program offered to junior and senior students. First year students will be building basic repair skills such as lubrication, brakes, engine tune up, suspension, fuel injection, computer controls, electrical systems, exhaust systems, transmissions and clutches, cooling systems, and heating and air conditioning. Second year students will learn engine rebuilding, transmission rebuilding, differential operation, engine diagnostics, and qualifying students can participate in work-based learning at various job sites in order to gain real world work experiences while going to school. Employment opportunities include quick lube, independent garages, new car and truck dealerships, auto parts counter person, agricultural mechanic, diesel mechanic, and motorcycle-snowmobile-ATV mechanic. ***2 Dual Credits with Highland Community College in AUTM 138***

Building & Construction Trades is a one- or two-year program offered to junior and senior students. This course provides experiences related to the construction and maintenance of residential buildings and related fixtures. During the year, students will spend 80% of their time at a job site constructing or remodeling a residential house. The other 20% of the time students will be in the classroom. Instruction will include safety principles, framing, plumbing, wiring, roofing, installing insulation, dry wall, painting, pouring concrete, landscaping, estimating materials, blueprint reading, hanging cabinets, siding, hanging doors, heating and air conditioning, masonry, and finish work. Second year students are provided the opportunity to advance their skills in the construction trades. ***6 Dual Credits with Highland Community College: 3 credits for MTEC 240 and 3 credits for MTEC 245***

Early Childhood Education is a one-or-two year program offered to junior and senior students. This class is an introduction to recent trends of early childhood education. The courses include a study of growth and development; early childhood learning theories; types of early childhood programs; teaching methods and procedures; the role of the child care professional; and working with young children with special needs.
This program provides preparation and a practicum for students interested in a variety of educational fields, such as; preschool teachers, teacher's aides, elementary teachers, speech/pathology teachers, and social workers. First year students will work on a weekly basis with children at our on- site laboratory called, "Kiddie Kampus Preschool." Second year students will work with a cooperating teacher at a work-base-learning site for three days a week during both semesters of the school year. This work-based learning site could be a daycare center, preschool program, elementary school, or a location specific to a students' career interest. (ie: special education, speech teacher, social worker)
6 Dual Credits with SVCC: 3 credits for ECE 110 for first year students, 3 credits for ECE 110 for second-year students. 6 Articulated Credits with SVCC: ECE 114 and ECE 115 offered alternatively over two years.

Commercial Food Service is a one- or two-year program open to juniors and seniors. Students explore Culinary Arts, preparing food for a large number of consumers, and catering. Occupational skills taught include care and use of commercial equipment, food preparation, customer service, management, and nutrition. Students in this program will receive weekly hands-on experience in the WACC commercial kitchen and provide food services for the public. ***No dual credit available.***

Computer Technology is a one-or-two year program offered to junior and senior students who want to work with the repair and networking of computers. Students entering this program will learn the essentials of repairing, maintaining, and networking of computers for both home and small business environments. The latest methods of networking and configuring operating systems will be used in the class. Second year students will continue with courses exploring Microsoft Workstation Operating Systems,Server Operating Systems, and Linux Distributions. Qualified students will acquire the skills to potentially pass the CompTIA A+, Network+, Linux+, and/or Microsoft Certified Professional Certification. ***6 Articulated Creditswith SVCC: 2 credits for CIS168, 2 credits for CIS 169, and 2 credits for CIS 151 9 Dual Credits for second-year students with SVCC: 6 credits for CIS 299 and 3 dual credits in CIS 250.***

Criminal Justice is a one year program designed to train students in various aspects of law enforcement, criminal justice, and the legal system. Students will receive instruction in skills needed for careers in associated fields; e.g. police officers, prosecuting and defense attorneys, probation and parole officers, crime scene investigators, correctional officers, etc. Major objectives of the program include: history of law enforcement, constitutional law, Illinois law, courts and the legal system, communication and dispatch operations, report writing and records, criminal investigations, search and seizure, community relations, patrol functions, traffic investigations, corrections, private security operations, criminology, and other related areas. Computers and role play scenarios are used to enhance the student's learning experiences and provide an introduction to practical experiences which might be expected in the field. Community activities will include field trips and job shadowing experiences. The development of employability and transition skills is included in the course as a basic component of the program. ***6 Articulated Credits with SVCC: 3 credits for CJS 101 and 3 credits for CJS 232***

Digital Media Arts is a one- or two-year program offered to junior and senior students. The classes are for visual and creative thinkers as well as computer geeks interested in cutting edge digital and media arts. The program offers the latest trends, techniques and technologies in the ever-evolving multimedia field. The wide variety of our curriculum provides opportunities to build skills for future success in careers as an illustrator, a desktop publisher, a photographer, a graphic artist, a digital video editor, in video studio staging, a film maker, a computer animator, a sound engineer, a camera operator, a web designer or other positions in the exciting and growing recording, entertainment and digital media arts field. Students work at their own pace and get “hands-on” experience using state-of-the-art software, sound equipment, cameras, printers and broadcasting equipment in our sound and lighting studios. All classes begin each fall and spring semester and you will take two classes per semester. All classes are dual-credit classes. You will receive high school and college credit at no cost to the student. Students completing a selection of five classes will receive a Certificate in Graphic Design and students completing an additional three elective classes will receive an Advanced Certificate in Digital Media Arts from Sauk Valley Community College. Students not able to complete the certificates while attending WACC are invited to enroll at Sauk Valley Community College after high school to finish the certificate requirements if they so choose.
27 Dual Credits with SVCC: ART 100-Media Arts, ART 103-Digital Photography, ART 105-Motion Graphics, ART 107-Digital Drawing, ART 231-Graphic Design, ART 236-Film and Video, ART 237-Image and Sound Recording, ART 238-Interactive Media Design, ART 299-Topics and Issues (3 credits per course = 30 total credits offered).

Health Occupations-CNA is a one-year program offered to junior and senior students that are interested in pursuing a career in the medical field. Upon completion of the Illinois Department of Public Health (IDPH) requirements, the students will be eligible to take the State Certified Nursing Assistant exam at the end of the school year. The students must meet the following criteria to be successful in Health Occupations I: 1) Achieve a C or better each quarter throughout the year on the coursework, 2) Be competent at the 21 skills in the laboratory and at the clinical site, 3) Have excellent attendance throughout the school year, and 4) Pass the criminal background check. Students must have an outstanding work ethic, be self-motivated, and take initiative to be successful in Health Occupations. Are you ready for the challenge?
9 Dual Credits with SVCC: 4 credits for NRS101, 1 credit for NRS 102, 4 credits for NRS103

Pre-Engineering and Design Technology is a one or two-year program offered to junior and senior students. This program is designed to prepare a student to enter a wide variety of occupational careers by providing a foundation in mechanical engineering. Mechanical engineering is used in many different fields, such as aerospace, automotive, biomedical, industrial and naval, as well as the renewable energy industry becoming more prevalent in our area. This program will also help prepare students for a career in machining and related trades. Students will have the opportunity to explore a variety of topics during set periods of time in order to acquire several different skills. The program is divided into 8 units, including print reading, CAD (computer aided drafting), manual machines, CNC (computerized numerical control) machines, electricity, robotics, design, mechanics and competition. Second year students may select one or more of the above units on which to focus, depending upon their career choice. Learning to design and produce a unique product – from beginning to end – can be an exciting and rewarding process. ***3 Dual Credits available with Highland Community college: MTEC 151***

Welding & Fabrication is a one- or two-year program offered to junior and senior students. Welding and metal fabrication techniques will be taught through hands-on experience. Topics include various types of welding, machine operations, welding blueprints, and metallurgy principles. The second year will provide the student with the opportunity to obtain advanced training on components of welding and metal fabrication. ***2 Dual Credits with SVCC: WELD 106***

Work-Based Learning Programs are offered in many WACC programs. Students interested in participating in the work-based learning program should see their WACC Instructor regarding criteria.

WORK TRAINING PROGRAM (ICO)

INTERRELATED COOPERATIVE OCCUPATIONS — Grades 11-12
Prerequisites: 16 years old/Application/Interview — 2 Credits

I.C.O. provides a bridge between the work world and school. One hour per day is spent in the class on work related activities. Release time is provided during the school day for on the job training at a place of employment. Club activities and dues are mandatory for all students. Students may not exceed nine absences per semester. Absences that exceed nine days will result in removal from the program at the semester. Exceptions to this policy will include only days covered by a doctor's note, school related trips, or death in the immediate family.

COMMUNITY SERVICE

COMMUNITY SERVICE — Grades 11-12
No Prerequisites — ½ Credit

Community Service is a non-academic, elective course taken on a pass-fail basis. A student can only choose to take Community Service twice for up to one credit. There are two ways to earn Community Service credit:

1. A student can choose to do their Community Service within the school day. They will be assigned a class period and will earn a Passing grade and ½ credit provided they meet the attendance requirements and complete a 500 word essay describing their experience.
2. A student can choose to complete 70 hours of Community Service out in the community. The placement must be approved by the Community Service Supervisor. The student will earn a passing grade and ½ credit when they provide confirmation of hours completed and a 500 word essay describing their experience.

DIXON HIGH SCHOOL JOB SHADOWING PROGRAM

WHAT IS THE SHADOWING PROGRAM?

In 1992, Dixon High School in conjunction with area businesses began offering Job Shadowing opportunities to juniors and seniors. The goal of this program is to provide students with an opportunity to see first hand the requirements of specific careers.

HOW DOES A STUDENT GET INVOLVED IN JOB SHADOWING?

Any junior or senior student may participate. Job Shadowing forms and information can now be found on the Dixon High School WebPage. During the school year, students can also contact the Job Shadowing Coordinator, Ms. Durband, for more information regarding the program.

Students must submit a signed liability wavier to the Job Shadowing coordinator before they will be allowed to participate in the program. This wavier is included on the job shadowing application. It can be found online or see Ms. Durband in the counseling office.

Once set up, students will report to the assigned businesses during a designated time. The student will be directed to a representative of that business or occupation for observation. The student will be provided an opportunity to ask questions and learn about the job at hand. An interview sheet must be completed during the job shadowing experience. It is then turned in to Ms. Durband along with a 500 word essay. Students who participate in this program through their Medical Biology or English 12 classes will turn in all forms and reports to their teachers. After completing the job shadowing experience, the student is expected to send a thank you letter to the business.